

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
 Data File : BM004563.D
 Acq On : 05 Mar 2016 19:20
 Operator : SJ/UM
 Sample : SSTDICC002
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

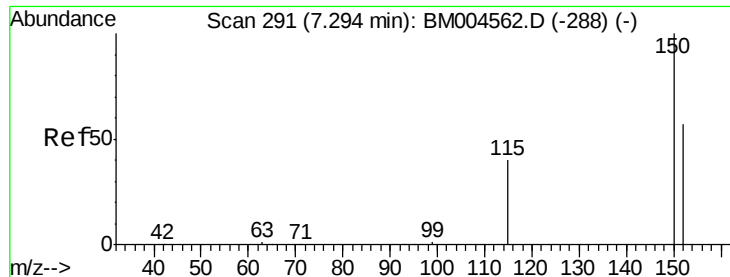
Quant Time: Mar 07 07:23:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 07 07:21:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	26382	5.00	ng	0.00
7) Naphthalene-d8	10.06	136	100757	5.00	ng	0.00
13) Acenaphthene-d10	13.97	164	54086	5.00	ng	0.00
19) Phenanthrene-d10	16.73	188	138738	5.00	ng	0.00
25) Chrysene-d12	20.98	240	111399	5.00	ng	0.00
34) Perylene-d12	23.08	264	105637	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.01	112	11955	2.13	ng	0.00
5) Phenol-d6	6.61	99	14813	2.29	ng	-0.02
8) Nitrobenzene-d5	8.46	82	10759	2.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.50	330	3922	2.34	ng	0.00
15) 2-Fluorobiphenyl	12.58	172	34770	2.05	ng	0.00
28) Terphenyl-d14	19.41	244	32500	1.53	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	5176	1.79	ng	# 100
3) n-Nitrosodimethylamine	3.18	42	3985	2.15	ng	# 100
6) bis(2-Chloroethyl)ether	6.75	93	12361	2.04	ng	# 20
9) Nitrobenzene	8.50	77	11937	2.35	ng	# 100
10) Naphthalene	10.10	128	43656	1.82	ng	99
11) Hexachlorobutadiene	10.39	225	8435	2.05	ng	# 100
12) 2-Methylnaphthalene	11.75	142	31513	2.16	ng	93
16) Acenaphthylene	13.68	152	52553	2.07	ng	# 42
17) Acenaphthene	14.02	154	31129	1.93	ng	# 57
18) Fluorene	15.04	166	43047	2.20	ng	# 76
20) Hexachlorobenzene	16.07	284	10841	1.77	ng	# 100
21) Pentachlorophenol	16.45	266	1234	1.43	ng	92
22) Phenanthrene	16.78	178	56658	1.69	ng	# 100
23) Anthracene	16.86	178	60181	1.96	ng	# 100
24) Fluoranthene	18.83	202	74130	1.68	ng	96
26) Benzidine	19.40	184	879	0.10	ng	96
27) Pyrene	19.19	202	78716	1.82	ng	# 84
29) Benzo(a)anthracene	20.96	228	136104	3.63	ng	98
30) 3,3'-Dichlorobenzidine	20.92	252	23262	2.17	ng	# 94
31) Chrysene	20.96	228	137721	3.03	ng	98
32) Bis(2-ethylhexyl)phthalate	20.90	149	48347	2.06	ng	# 44
33) Indeno(1,2,3-cd)pyrene	25.15	276	66190	2.04	ng	# 81
35) Benzo(a)pyrene	22.98	252	62767	1.99	ng	96
36) Dibenzo(a,h)anthracene	25.15	278	51681	1.98	ng	98
37) Benzo(g,h,i)perylene	25.78	276	56701	1.93	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.29 min Scan# 291

Delta R.T. 0.00 min

Lab File: BM004563.D

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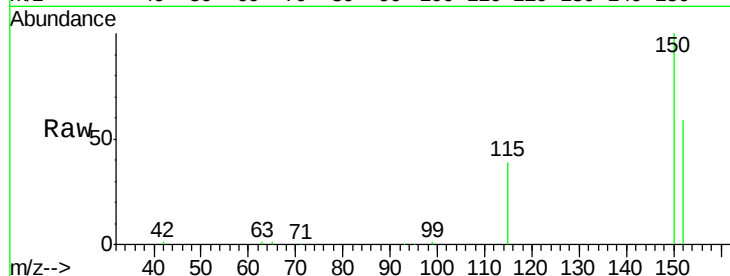
Tgt Ion:152 Resp: 26382

Ion Ratio Lower Upper

152 100

150 169.3 140.1 210.1

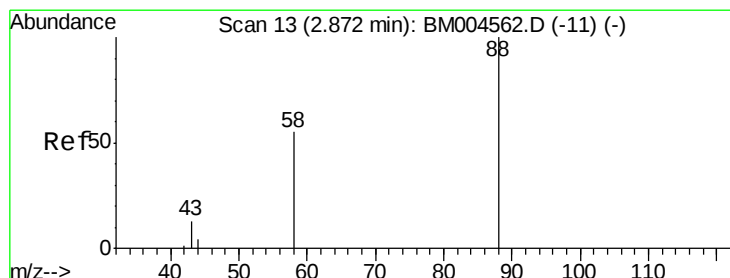
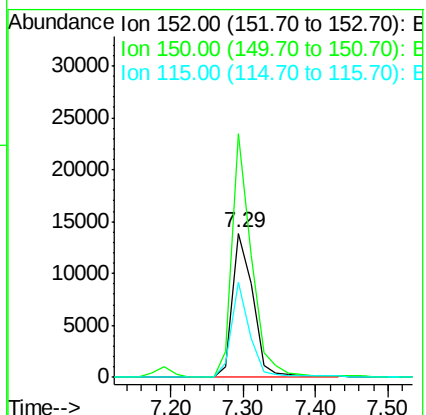
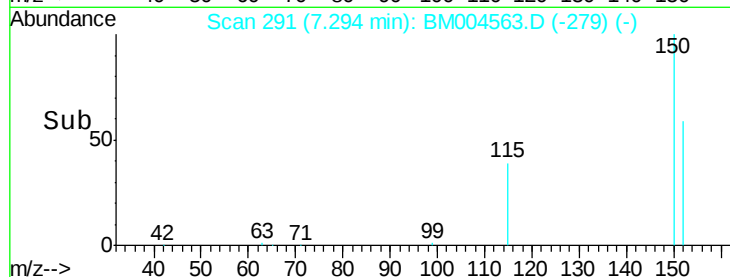
115 66.6 56.1 84.1



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: 1.79 ng

RT: 2.87 min Scan# 13

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

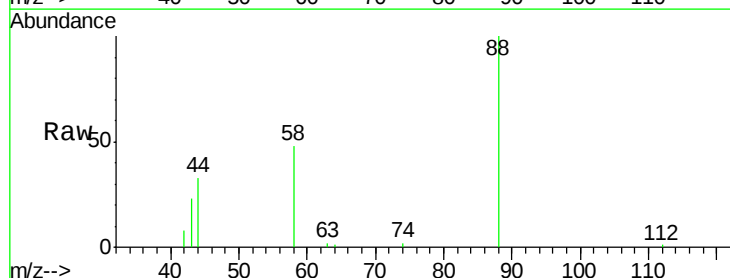
Tgt Ion: 88 Resp: 5176

Ion Ratio Lower Upper

88 100

58 59.6 0.0 0.0#

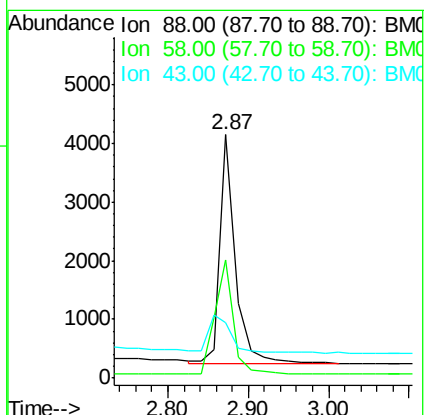
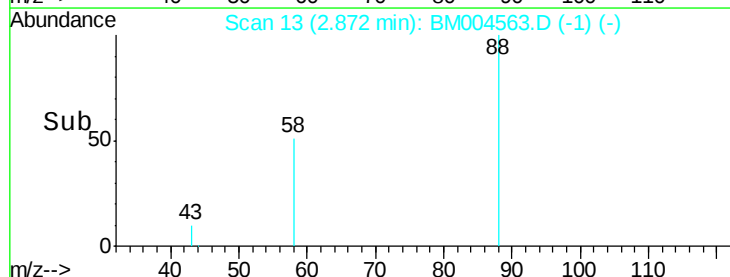
43 24.1 0.0 0.0#

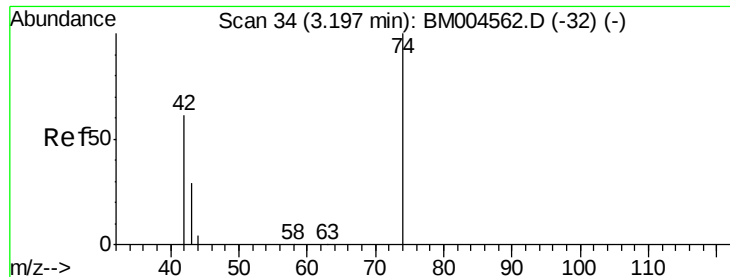


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 2.15 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.02 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

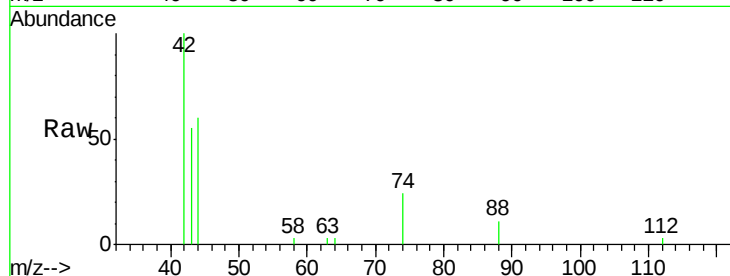
Tgt Ion: 42 Resp: 3985

Ion Ratio Lower Upper

42 100

74 156.6 0.0 0.0#

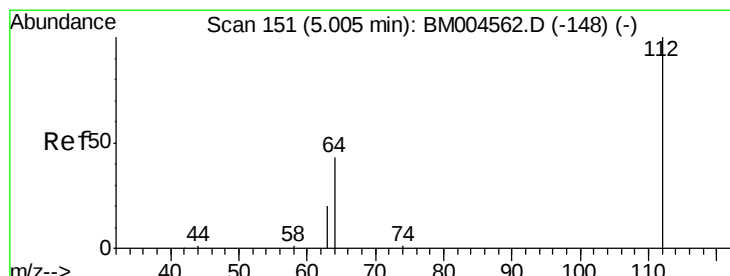
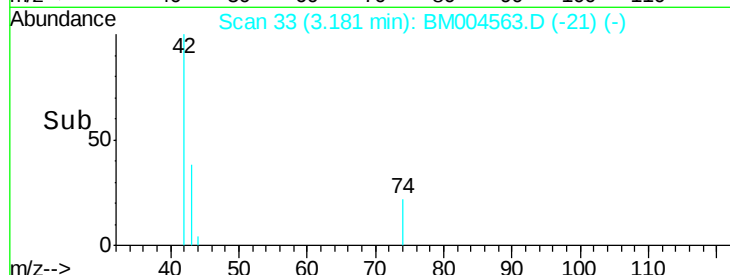
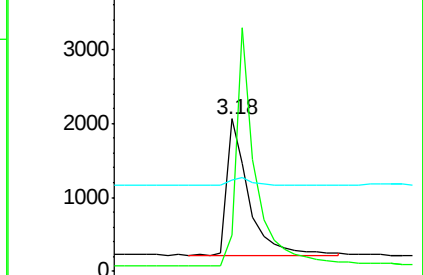
44 7.2 0.0 0.0#



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: 2.13 ng

RT: 5.01 min Scan# 151

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

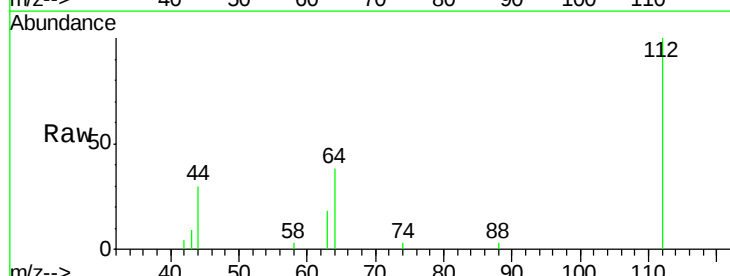
Tgt Ion: 112 Resp: 11955

Ion Ratio Lower Upper

112 100

64 47.7 0.0 0.0#

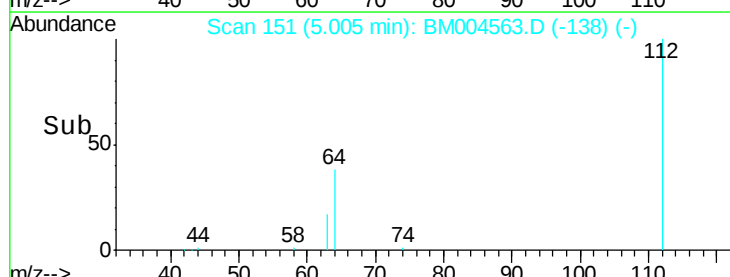
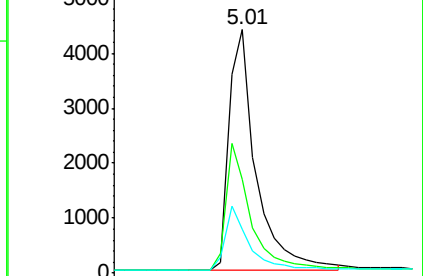
63 23.1 0.0 0.0#

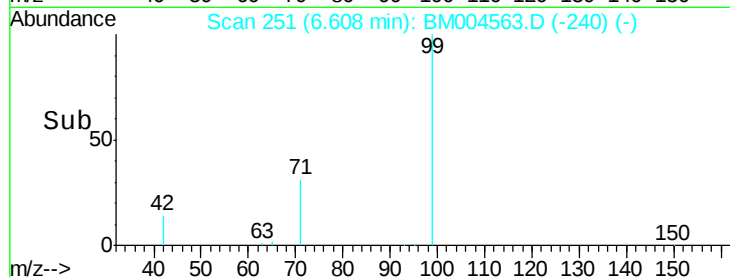
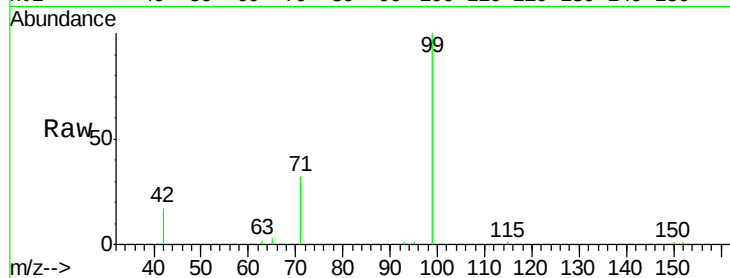
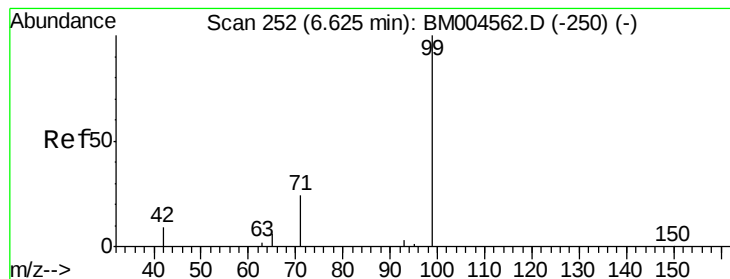


Abundance Ion 112.00 (111.70 to 112.70): BM004562.D (-148) (-)

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: 2.29 ng

RT: 6.61 min Scan# 251

Delta R.T. -0.02 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

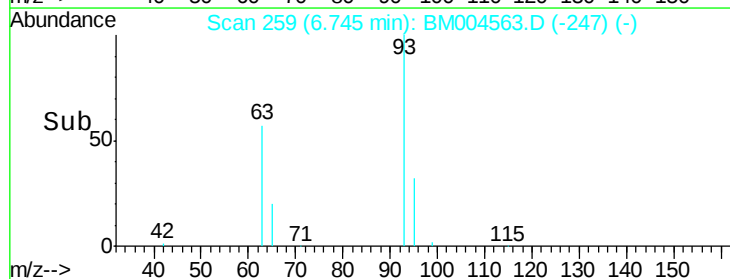
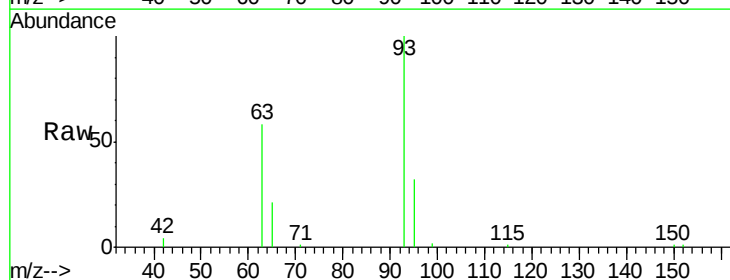
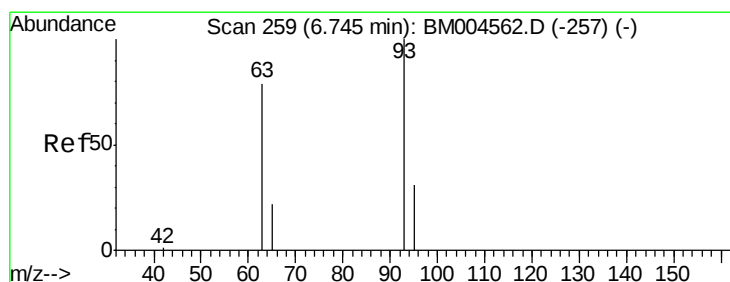
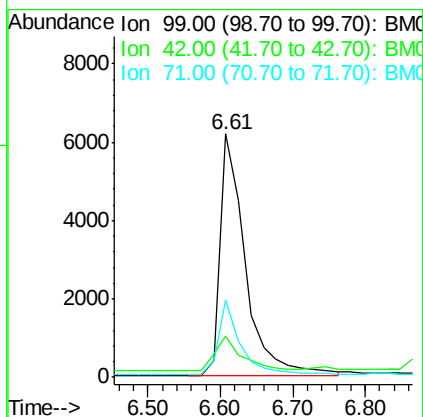
Tgt Ion: 99 Resp: 14813

Ion Ratio Lower Upper

99 100

42 15.1 0.0 0.0#

71 27.0 0.2 0.2#



#6

bis(2-Chloroethyl)ether

Concen: 2.04 ng

RT: 6.75 min Scan# 259

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

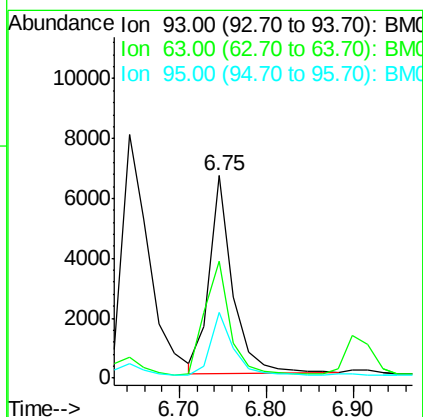
Tgt Ion: 93 Resp: 12361

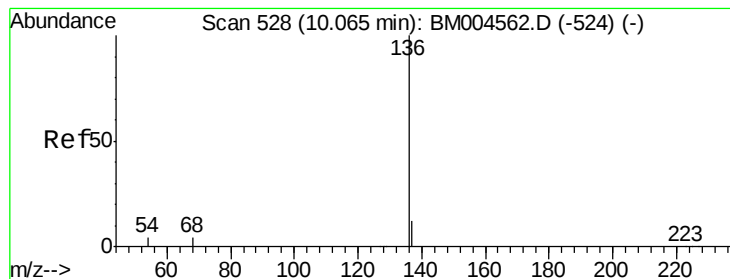
Ion Ratio Lower Upper

93 100

63 62.3 18.7 28.1#

95 30.8 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: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

Tgt Ion:136 Resp: 100757

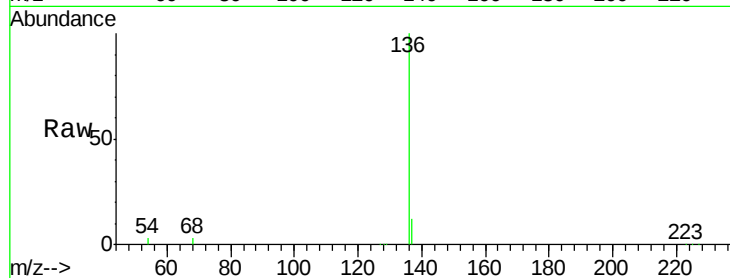
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 3.2 3.0 4.4

68 3.2 2.9 4.3

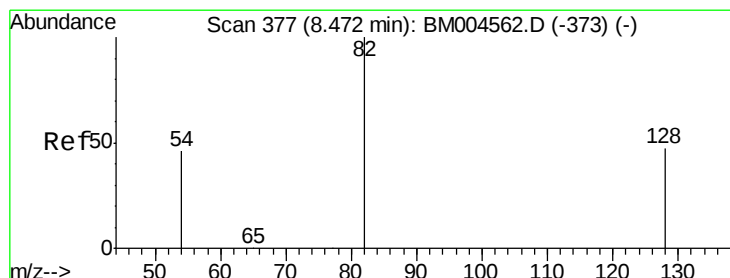
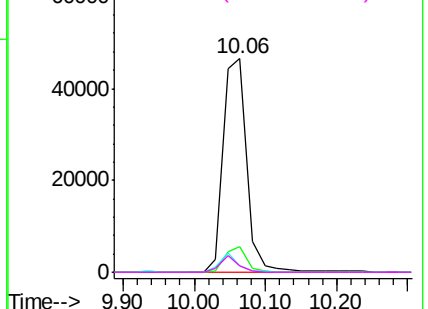
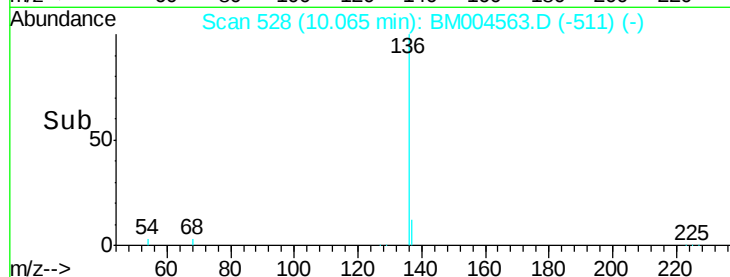


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.33 ng

RT: 8.46 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

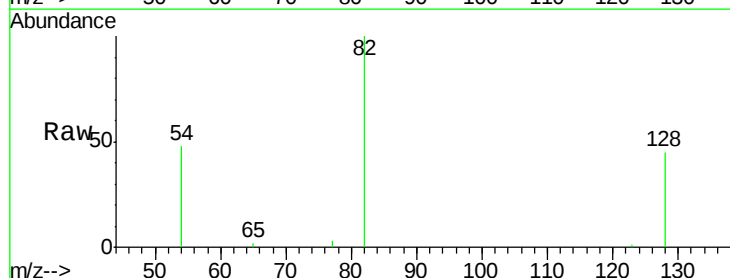
Tgt Ion: 82 Resp: 10759

Ion Ratio Lower Upper

82 100

128 45.3 38.6 58.0

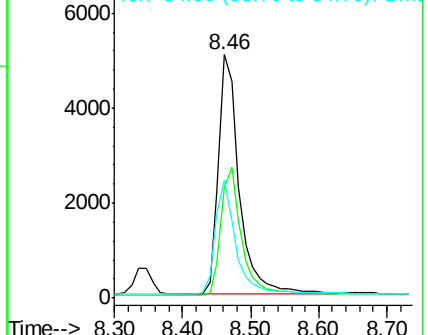
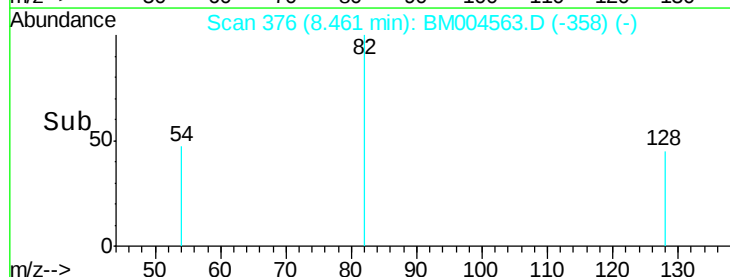
54 48.4 38.5 57.7

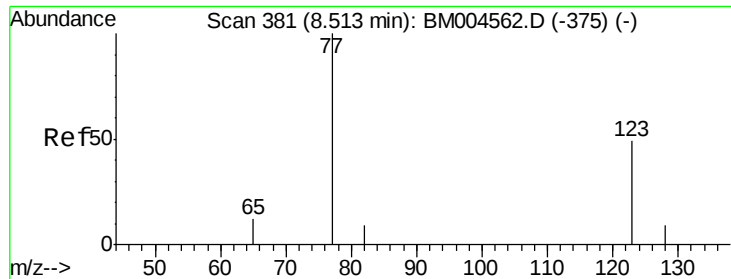


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 2.35 ng

RT: 8.50 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

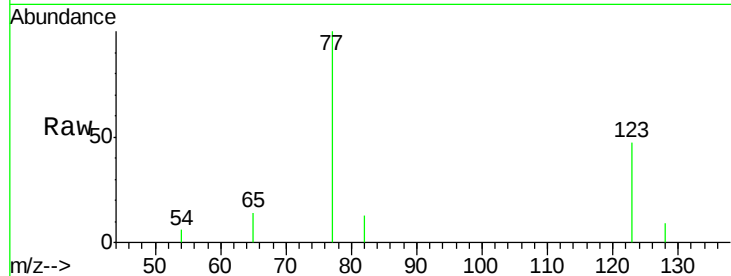
Tgt Ion: 77 Resp: 11937

Ion Ratio Lower Upper

77 100

123 55.5 0.0 0.0#

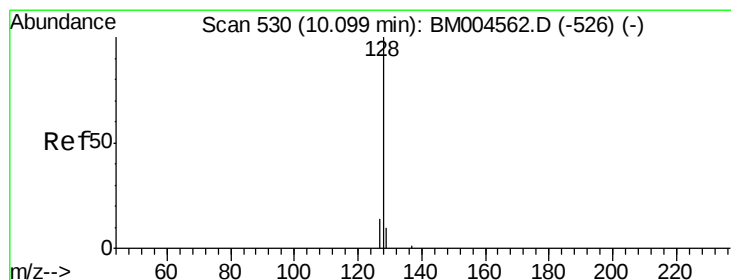
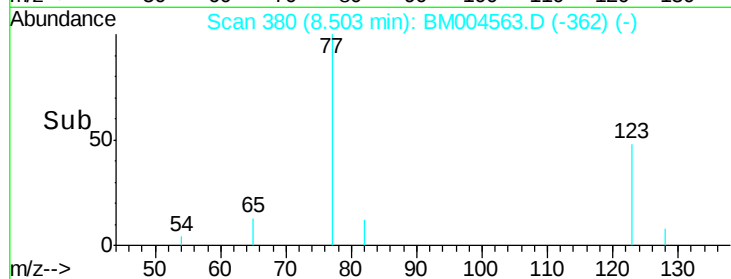
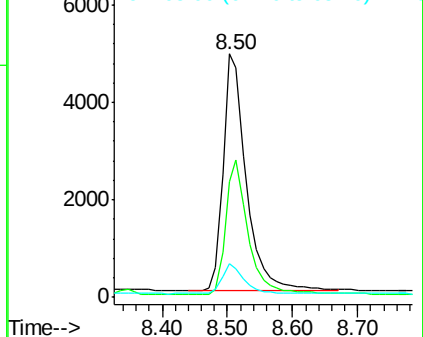
65 12.2 0.0 0.0#



Abundance Ion 77.00 (76.70 to 77.70): BM004562.D (-375) (-)

Ion 123.00 (122.70 to 123.70): BM004562.D (-375) (-)

Ion 65.00 (64.70 to 65.70): BM004562.D (-375) (-)



#10

Naphthalene

Concen: 1.82 ng

RT: 10.10 min Scan# 530

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

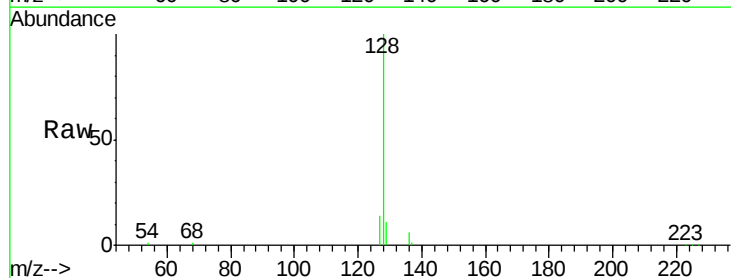
Tgt Ion: 128 Resp: 43656

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

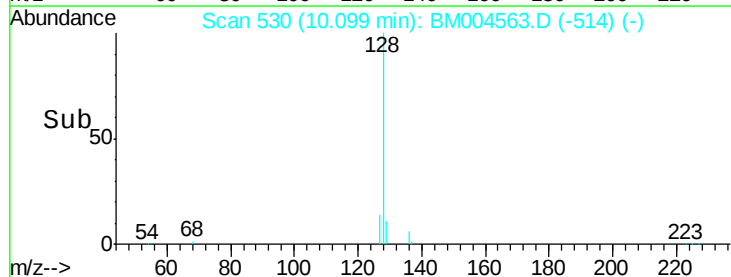
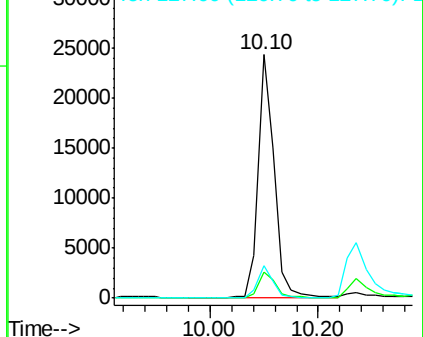
127 13.5 11.3 16.9

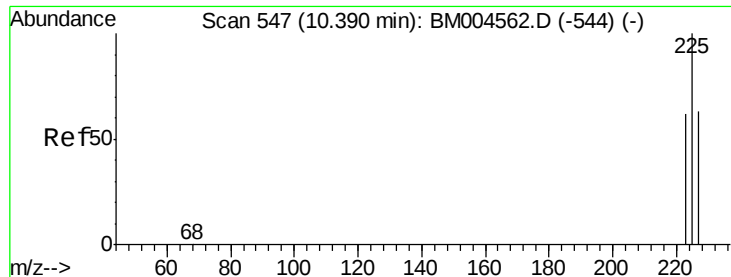


Abundance Ion 128.00 (127.70 to 128.70): BM004562.D (-526) (-)

Ion 129.00 (128.70 to 129.70): BM004562.D (-526) (-)

Ion 127.00 (126.70 to 127.70): BM004562.D (-526) (-)

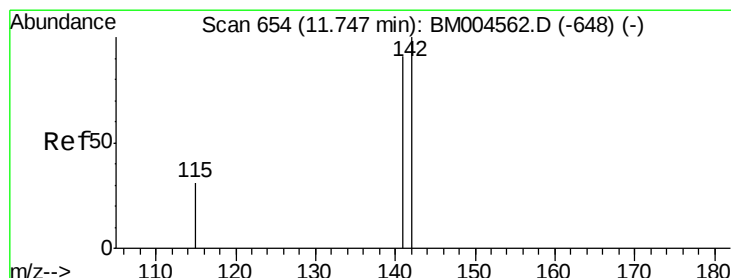
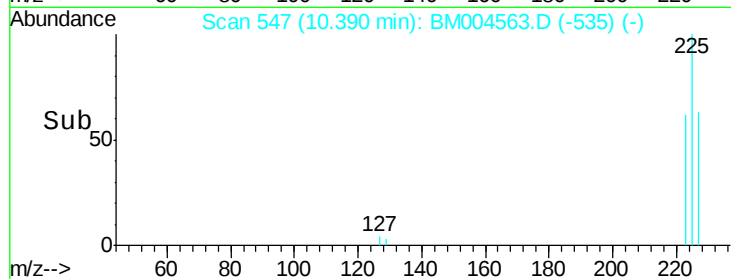
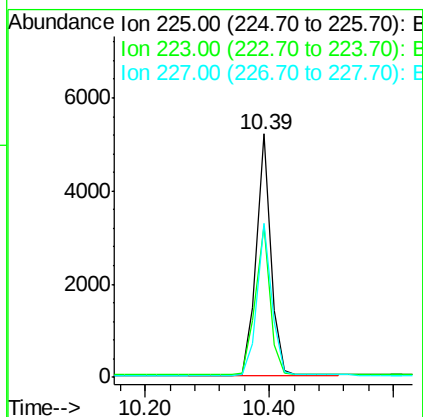
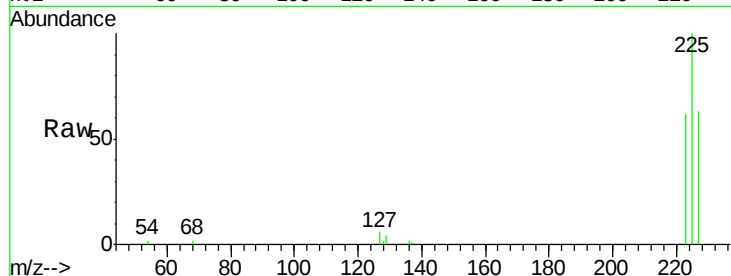




#11
Hexachlorobutadiene
Concen: 2.05 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

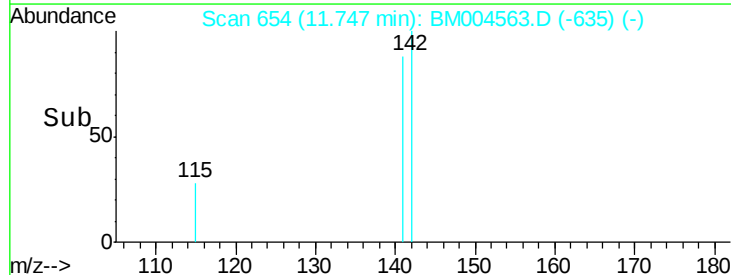
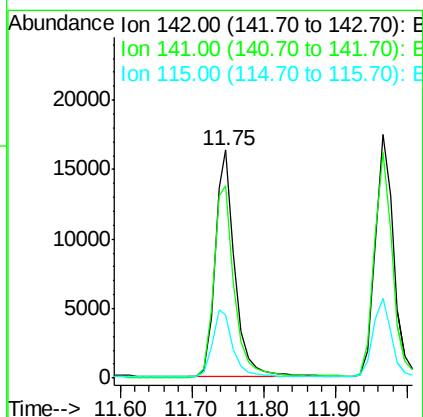
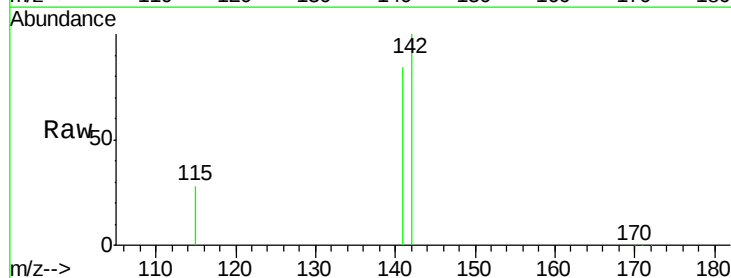
Instrument :
BNA_M
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SSTDIC002

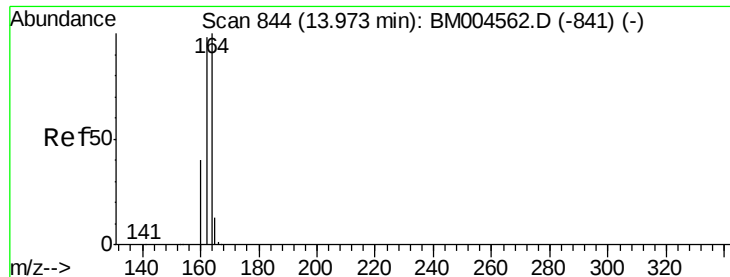
Tgt Ion: 225 Resp: 8435
Ion Ratio Lower Upper
225 100
223 62.8 0.0 0.0#
227 63.3 0.0 0.0#



#12
2-Methylnaphthalene
Concen: 2.16 ng
RT: 11.75 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion: 142 Resp: 31513
Ion Ratio Lower Upper
142 100
141 84.4 72.3 108.5
115 27.7 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: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

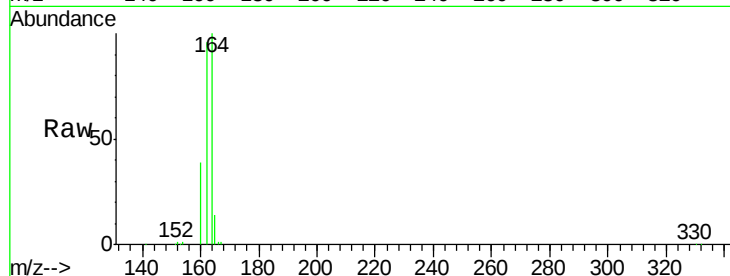
Tgt Ion:164 Resp: 54086

Ion Ratio Lower Upper

164 100

162 96.3 78.2 117.2

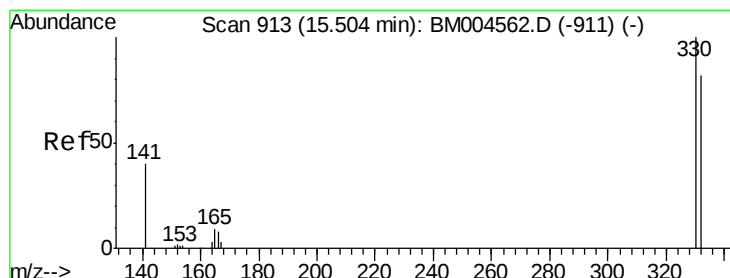
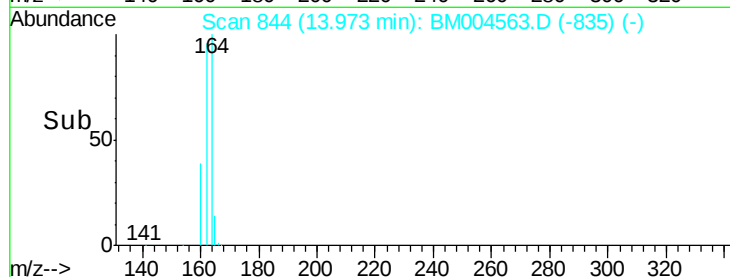
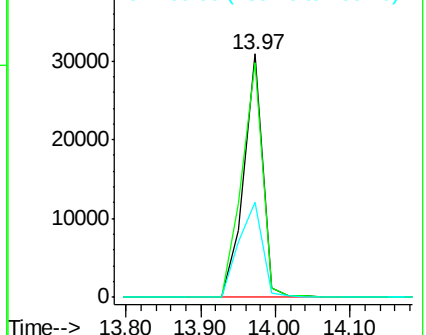
160 39.2 31.9 47.9



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: 2.34 ng

RT: 15.50 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

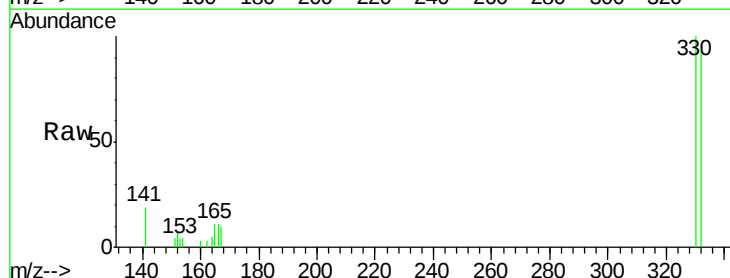
Tgt Ion:330 Resp: 3922

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

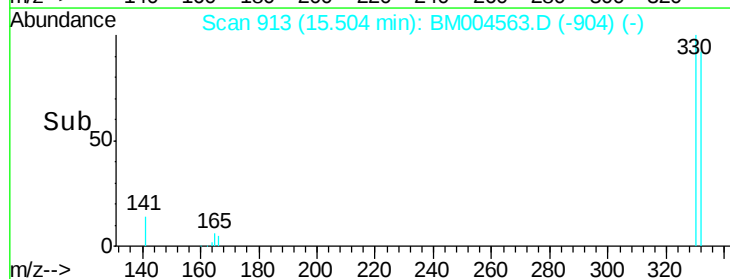
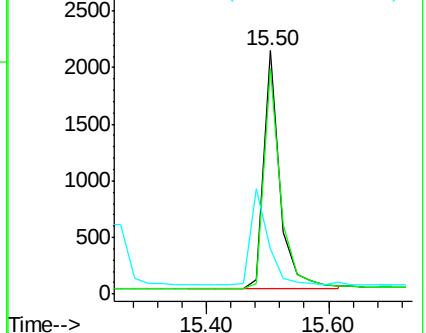
141 0.0 0.0 0.0

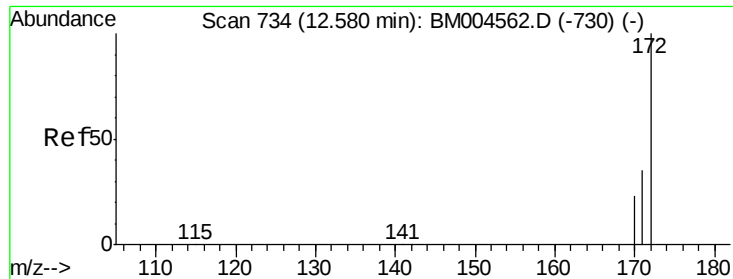


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

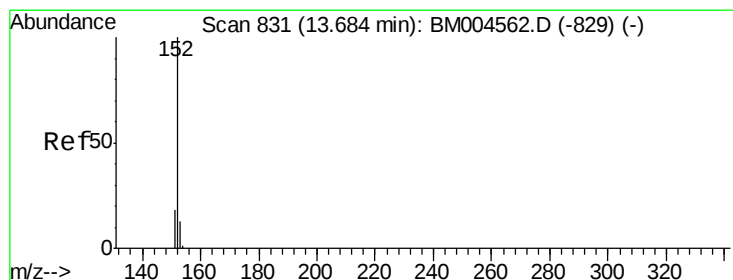
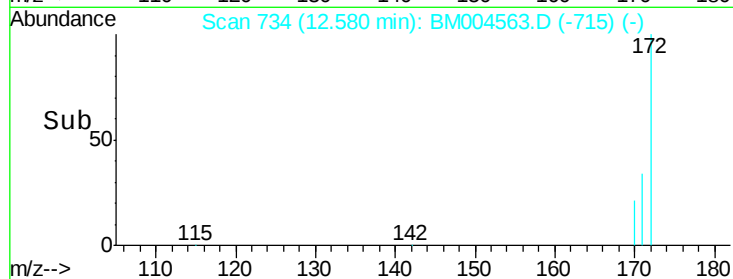
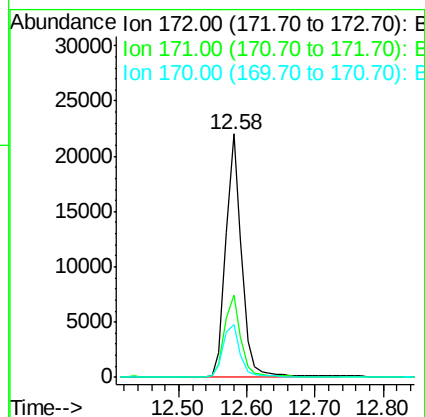
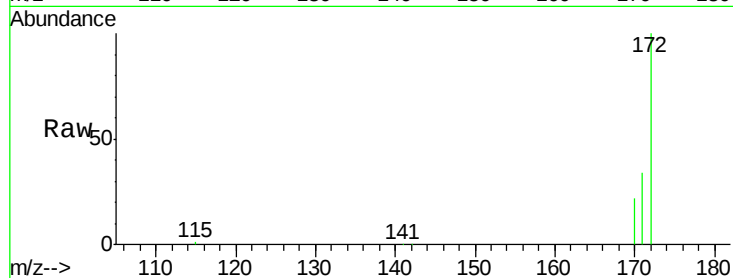




#15
2-Fluorobiphenyl
Concen: 2.05 ng
RT: 12.58 min Scan# 734
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

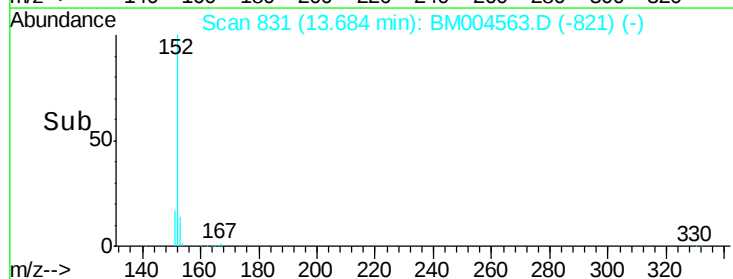
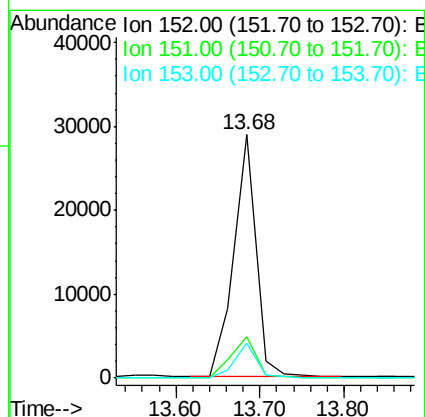
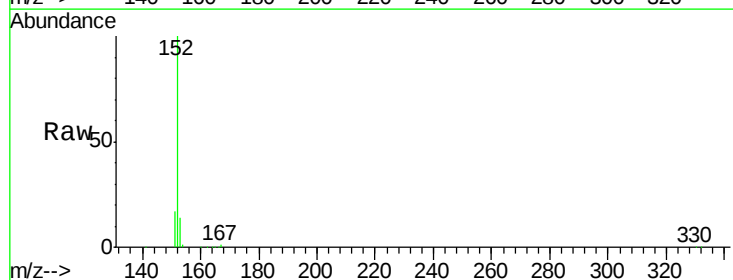
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

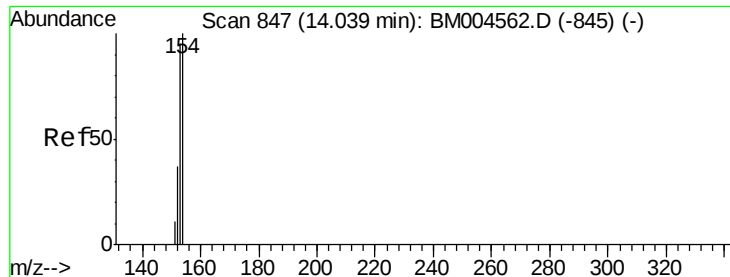
Tgt Ion:172 Resp: 34770
Ion Ratio Lower Upper
172 100
171 34.1 28.6 42.8
170 21.6 19.1 28.7



#16
Acenaphthylene
Concen: 2.07 ng
RT: 13.68 min Scan# 831
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:152 Resp: 52553
Ion Ratio Lower Upper
152 100
151 18.9 9.2 13.8#
153 13.2 51.4 77.0#





#17

Acenaphthene

Concen: 1.93 ng

RT: 14.02 min Scan# 846

Delta R.T. -0.02 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

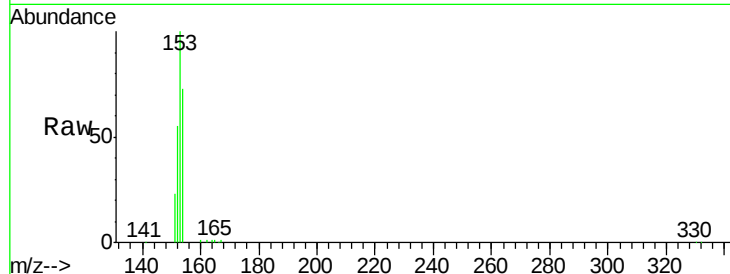
Tgt Ion:154 Resp: 31129

Ion Ratio Lower Upper

154 100

153 114.8 0.0 0.0#

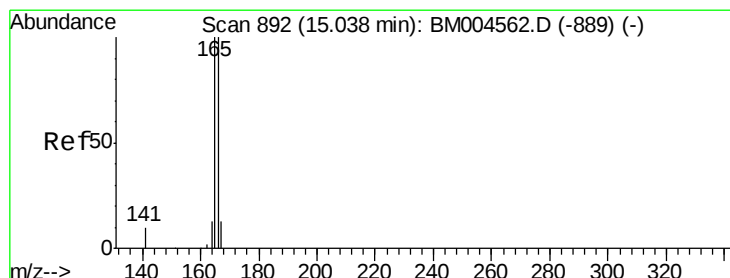
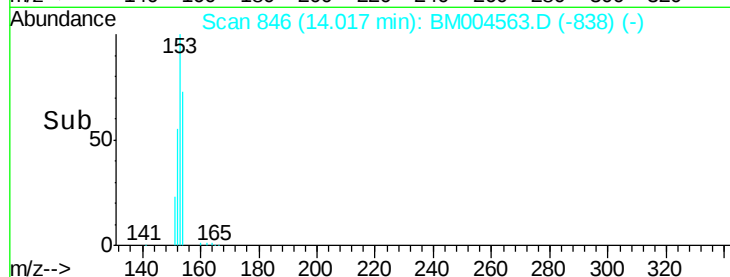
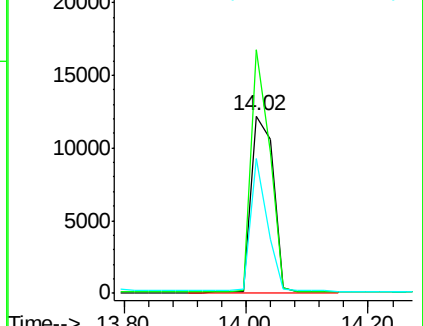
152 55.8 0.2 0.2#



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: 2.20 ng

RT: 15.04 min Scan# 892

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

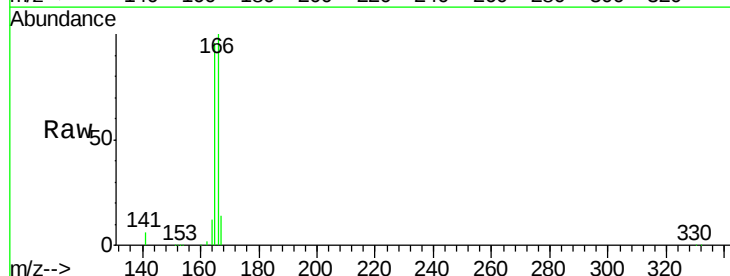
Tgt Ion:166 Resp: 43047

Ion Ratio Lower Upper

166 100

165 96.7 0.0 0.0#

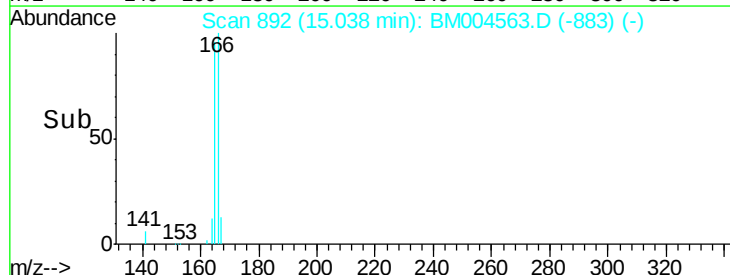
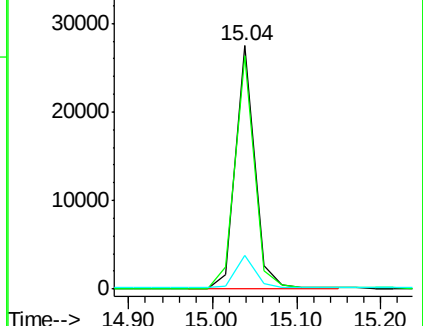
167 13.1 20.0 30.0#

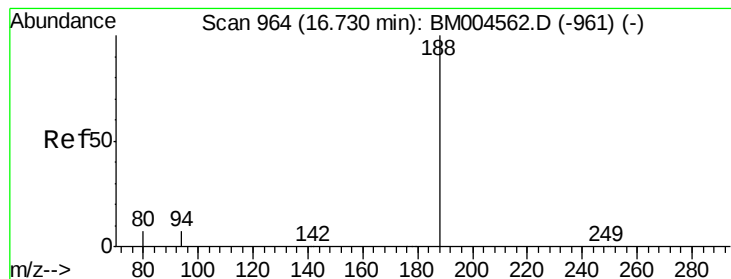


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

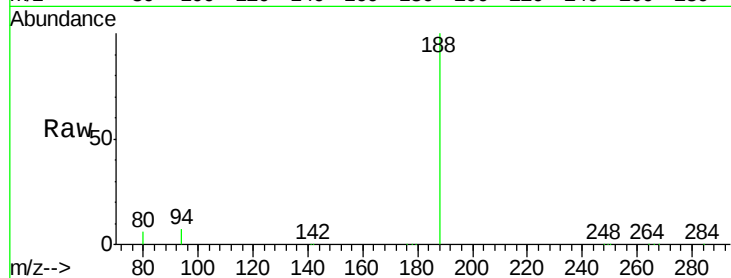
Tgt Ion:188 Resp: 138738

Ion Ratio Lower Upper

188 100

94 6.8 6.0 9.0

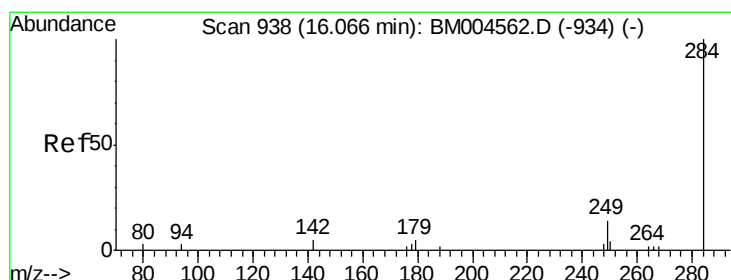
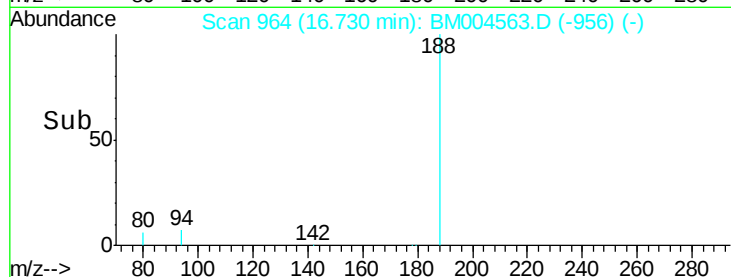
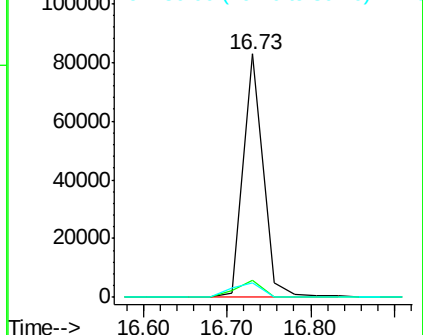
80 5.9 5.3 7.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

Hexachlorobenzene

Concen: 1.77 ng

RT: 16.07 min Scan# 938

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

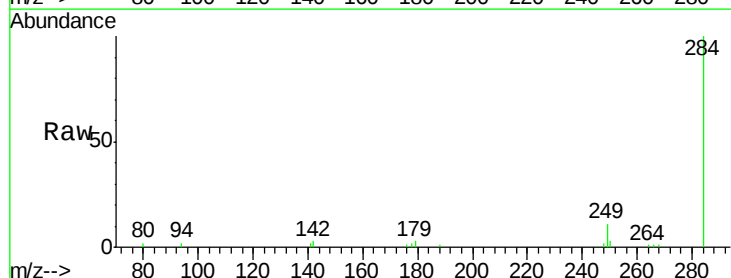
Tgt Ion:284 Resp: 10841

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

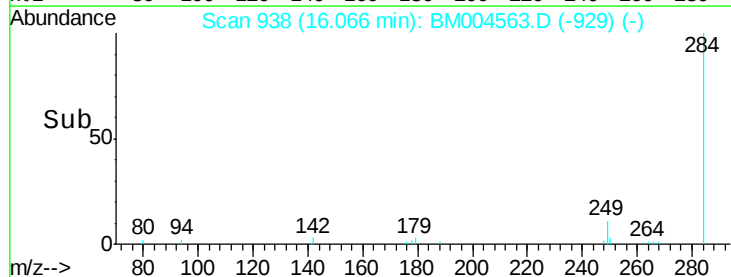
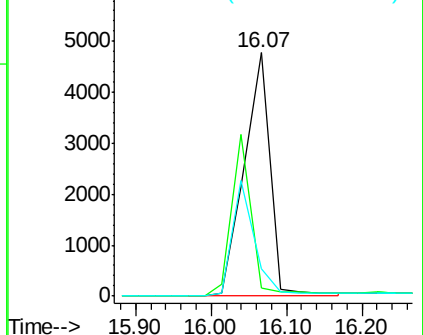
249 0.0 0.0 0.0

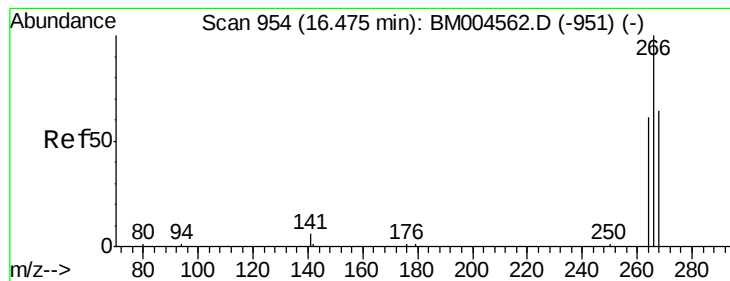


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 1.43 ng

RT: 16.45 min Scan# 953

Delta R.T. -0.03 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

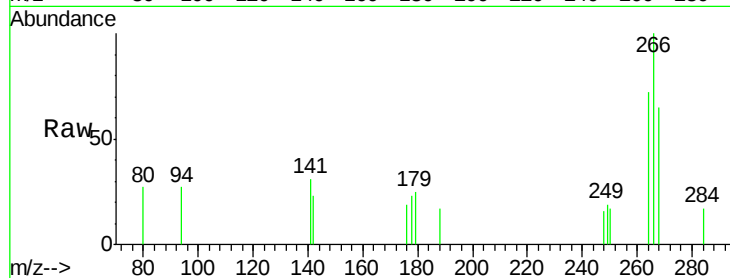
Tgt Ion: 266 Resp: 1234

Ion Ratio Lower Upper

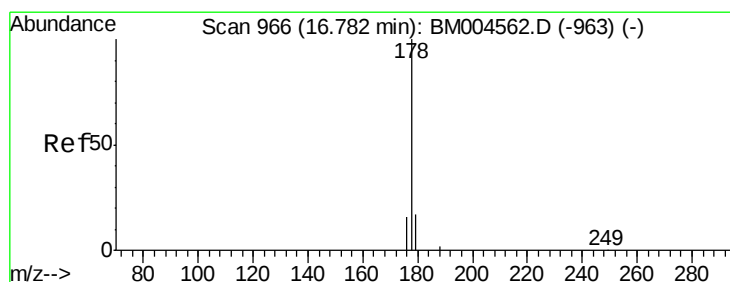
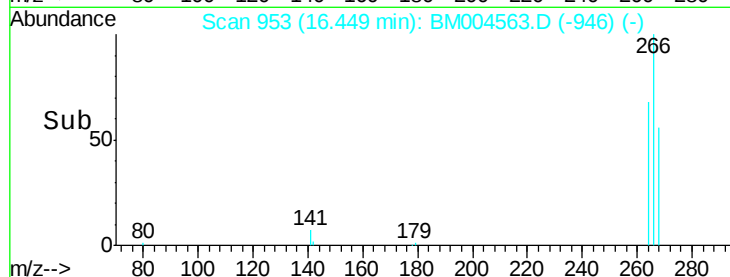
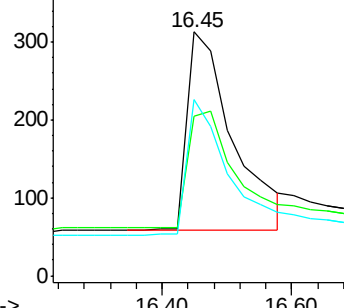
266 100

268 65.2 62.6 94.0

264 72.2 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: 1.69 ng

RT: 16.78 min Scan# 966

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

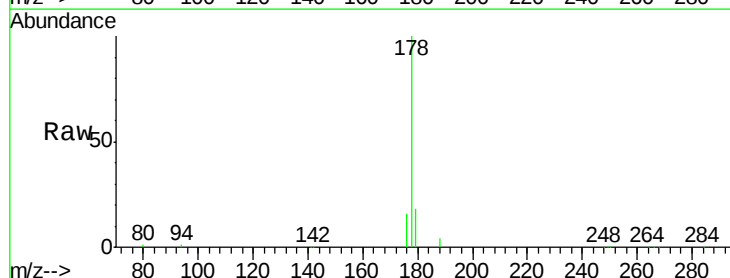
Tgt Ion: 178 Resp: 56658

Ion Ratio Lower Upper

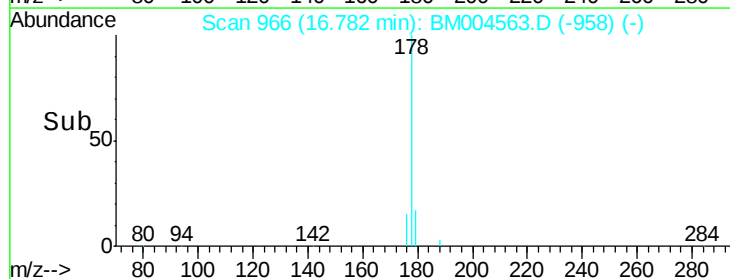
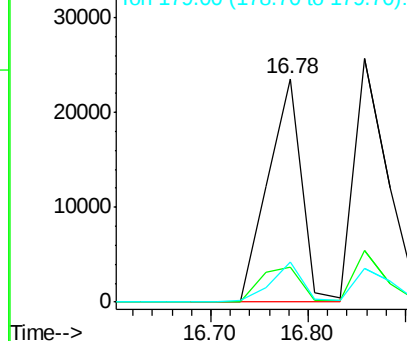
178 100

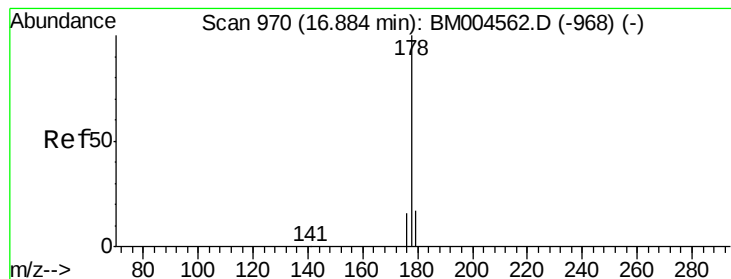
176 18.7 0.0 0.0#

179 15.8 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: 1.96 ng

RT: 16.86 min Scan# 969

Delta R.T. -0.03 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

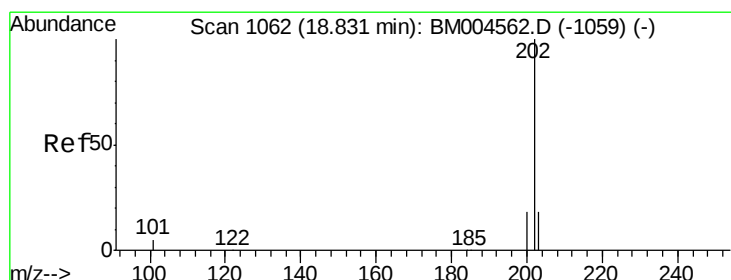
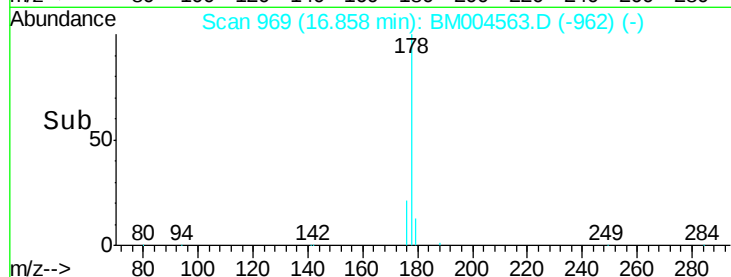
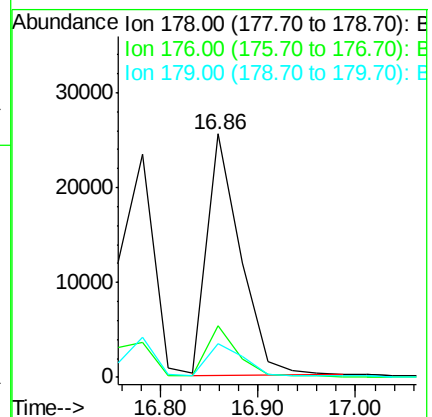
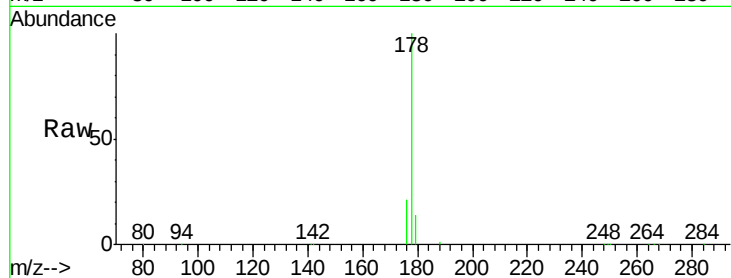
Tgt Ion:178 Resp: 60181

Ion Ratio Lower Upper

178 100

176 19.1 0.0 0.0#

179 14.5 0.0 0.0#



#24

Fluoranthene

Concen: 1.68 ng

RT: 18.83 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

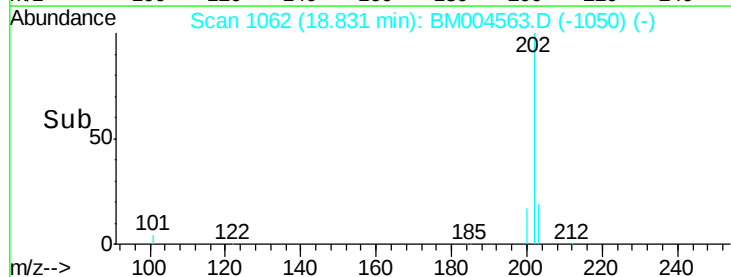
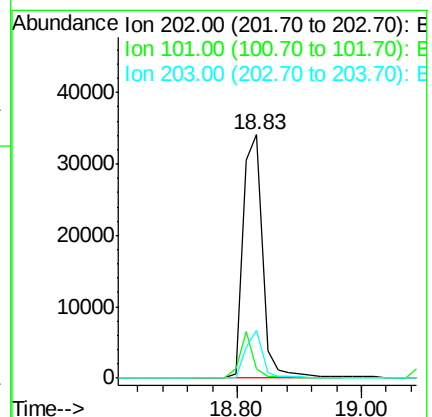
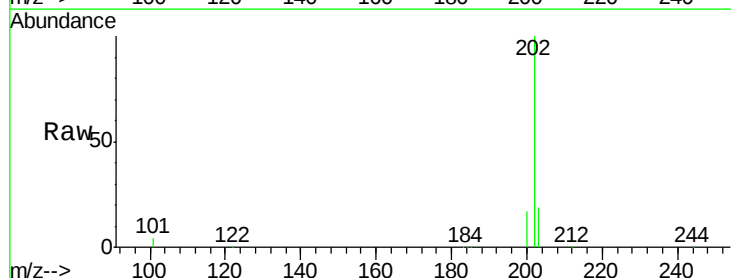
Tgt Ion:202 Resp: 74130

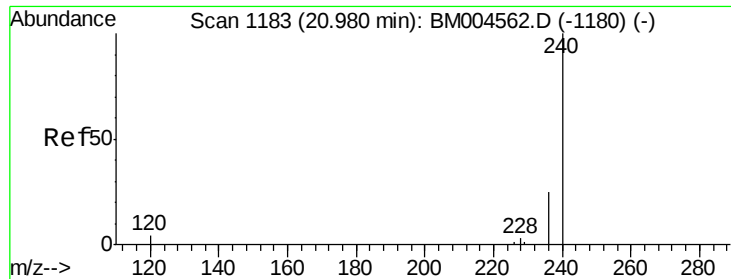
Ion Ratio Lower Upper

202 100

101 13.2 12.2 18.4

203 17.1 14.6 21.8

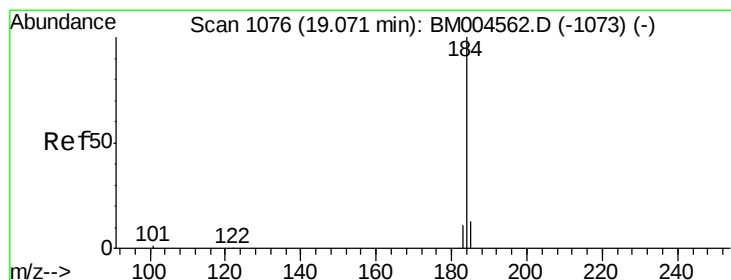
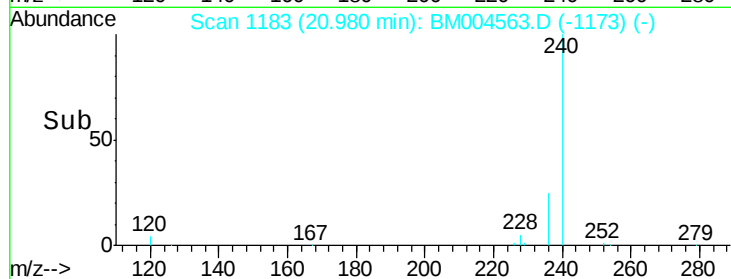
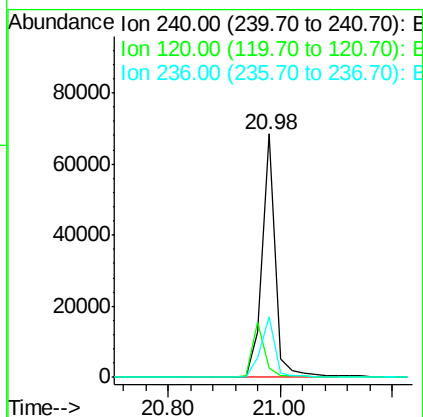
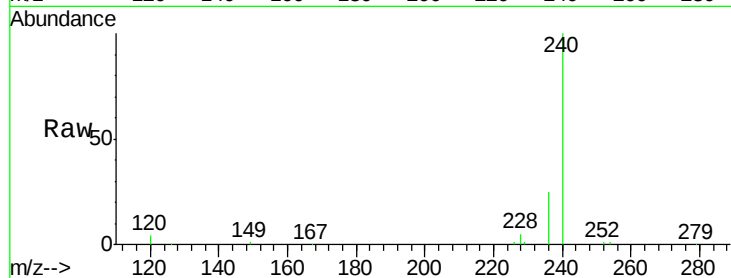




#25
Chrysene-d12
Concen: 5.00 ng
RT: 20.98 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

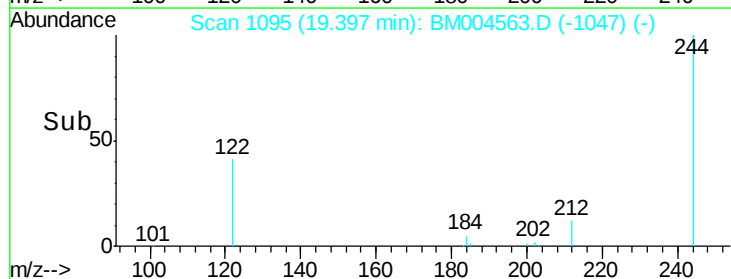
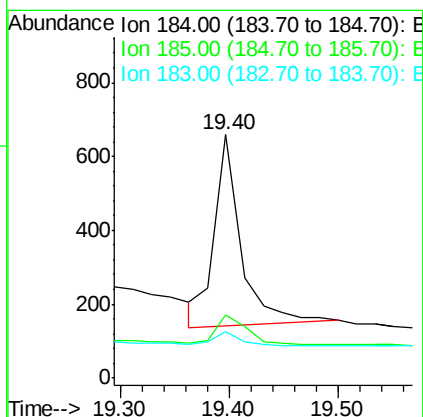
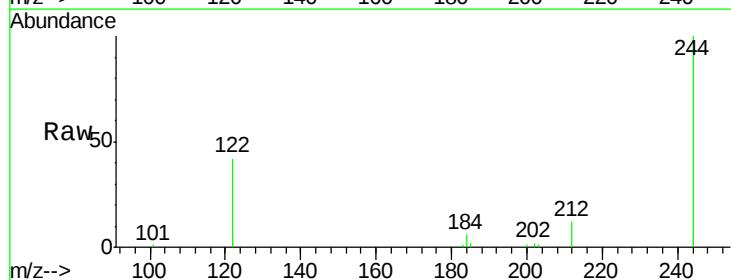
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

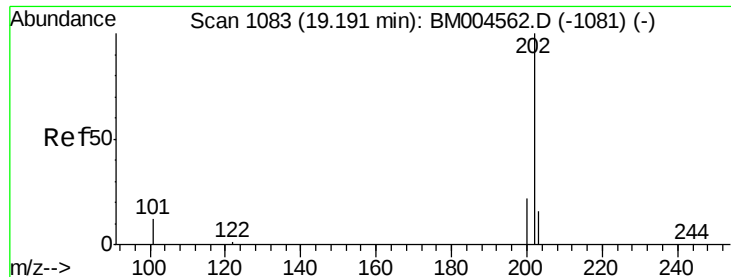
Tgt Ion:240 Resp: 111399
Ion Ratio Lower Upper
240 100
120 3.8 3.5 5.3
236 24.8 20.3 30.5



#26
Benzidine
Concen: 0.10 ng
RT: 19.40 min Scan# 1095
Delta R.T. 0.33 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:184 Resp: 879
Ion Ratio Lower Upper
184 100
185 25.8 19.4 29.0
183 18.8 16.5 24.7

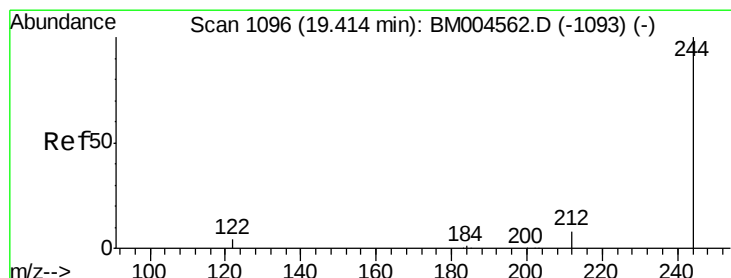
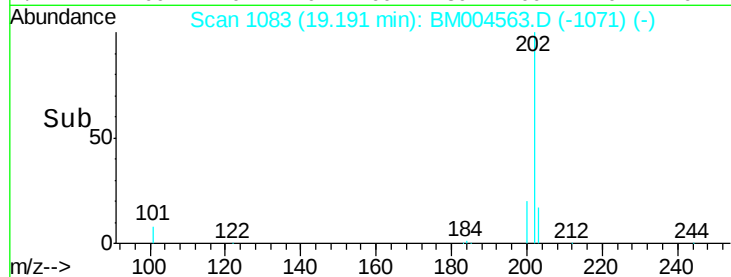
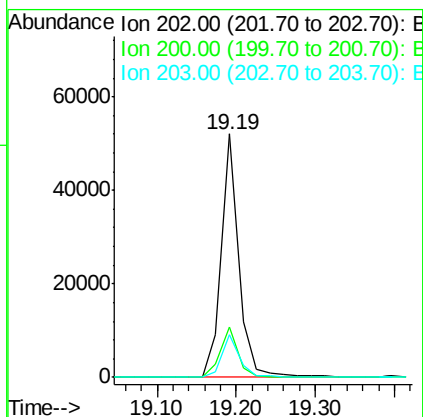
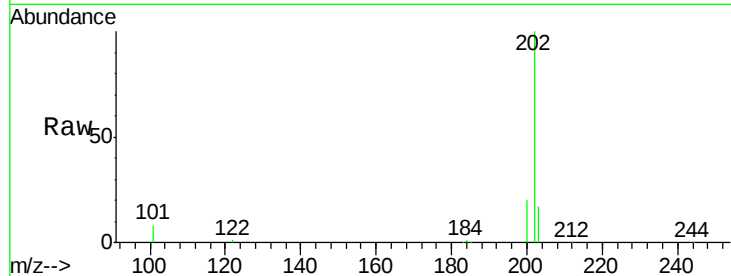




#27
 Pyrene
 Concen: 1.82 ng
 RT: 19.19 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BM004563.D
 Acq: 05 Mar 2016 19:20

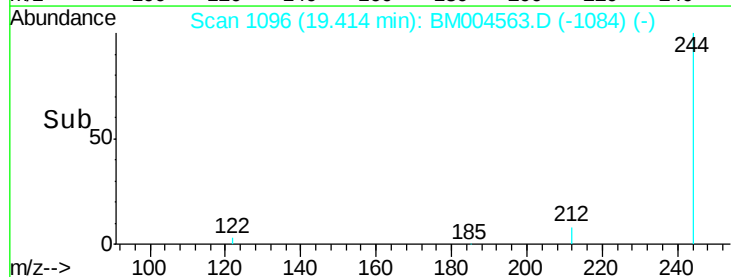
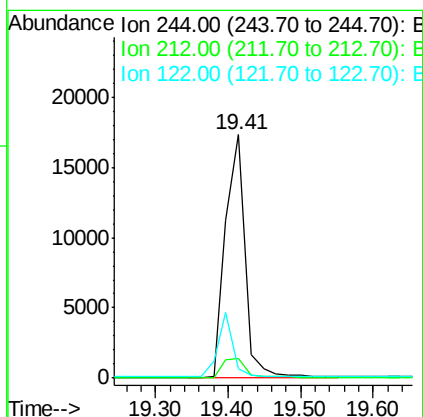
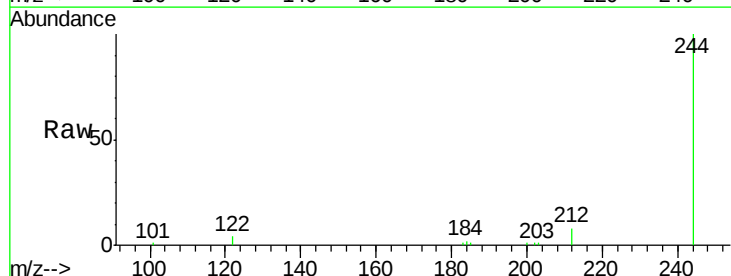
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

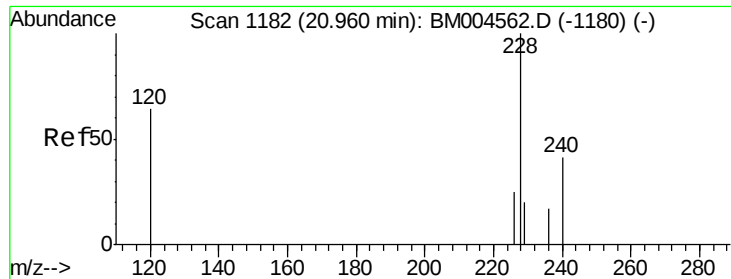
Tgt Ion: 202 Resp: 78716
 Ion Ratio Lower Upper
 202 100
 200 20.8 0.2 0.2#
 203 17.5 0.0 0.0#



#28
 Terphenyl-d14
 Concen: 1.53 ng
 RT: 19.41 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BM004563.D
 Acq: 05 Mar 2016 19:20

Tgt Ion: 244 Resp: 32500
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.0 10.4
 122 3.6 4.2 6.4#





#29

Benzo(a)anthracene

Concen: 3.63 ng

RT: 20.96 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

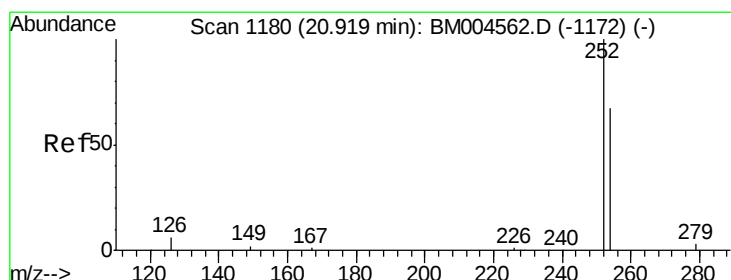
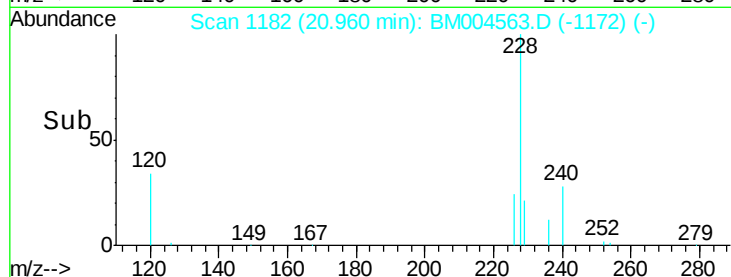
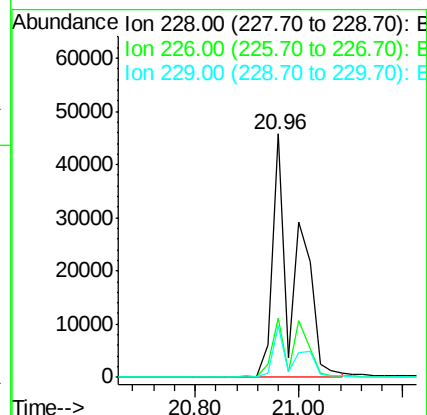
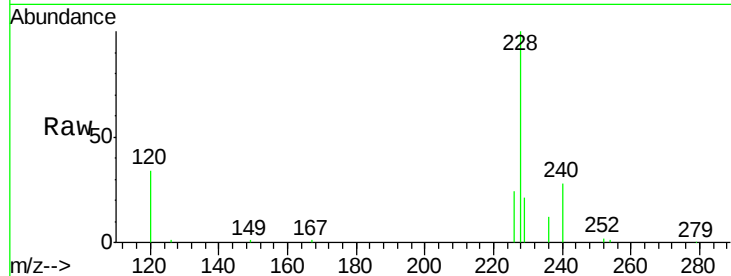
Tgt Ion:228 Resp: 136104

Ion Ratio Lower Upper

228 100

226 24.2 20.3 30.5

229 21.1 16.3 24.5



#30

3,3'-Dichlorobenzidine

Concen: 2.17 ng

RT: 20.92 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

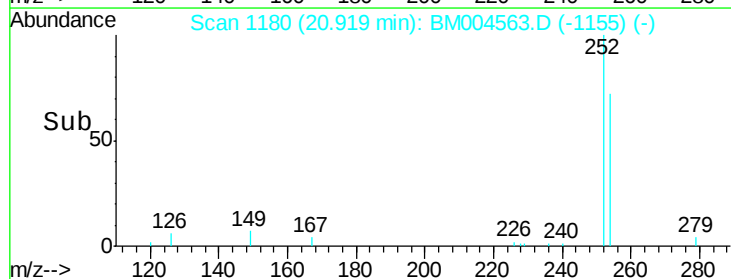
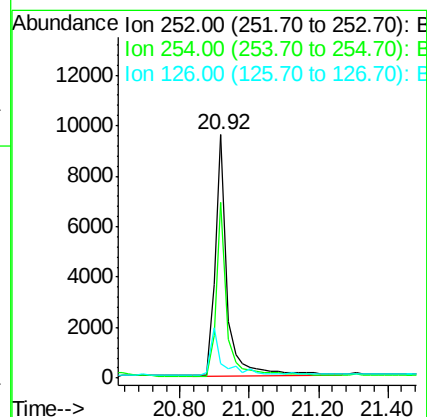
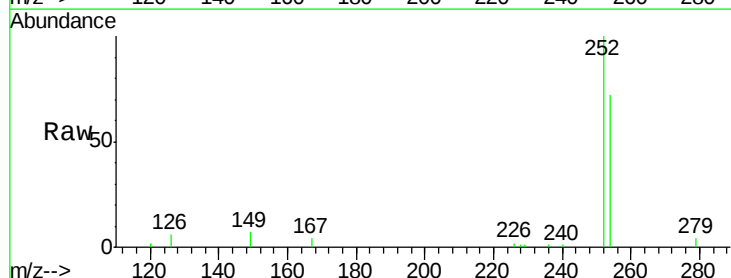
Tgt Ion:252 Resp: 23262

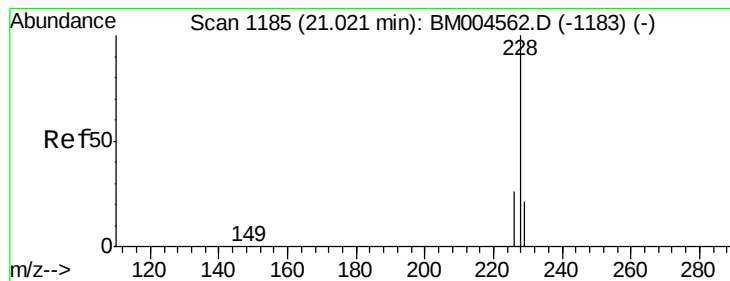
Ion Ratio Lower Upper

252 100

254 72.2 53.9 80.9

126 6.1 6.9 10.3#





#31

Chrysene

Concen: 3.03 ng

RT: 20.96 min Scan# 1182

Delta R.T. -0.06 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

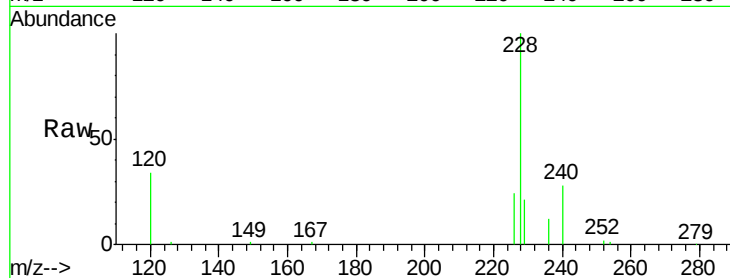
Tgt Ion:228 Resp: 137721

Ion Ratio Lower Upper

228 100

226 24.2 20.3 30.5

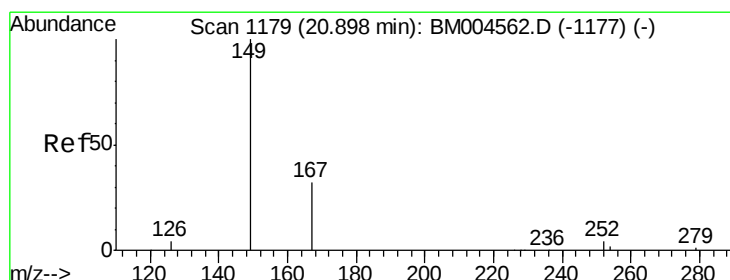
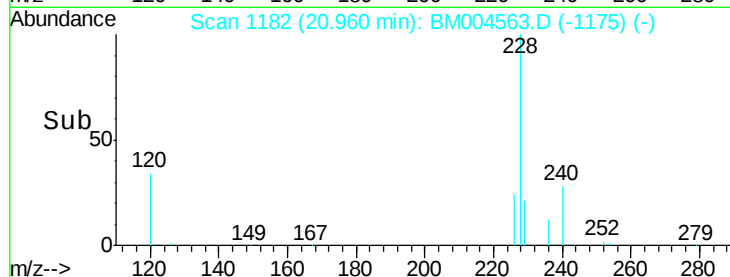
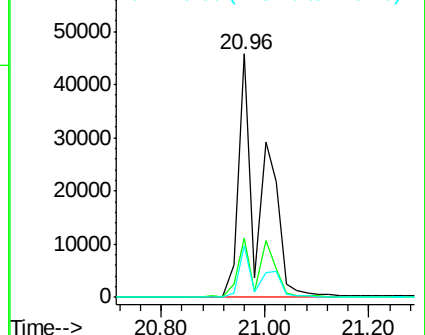
229 21.1 17.8 26.6



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: 2.06 ng

RT: 20.90 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

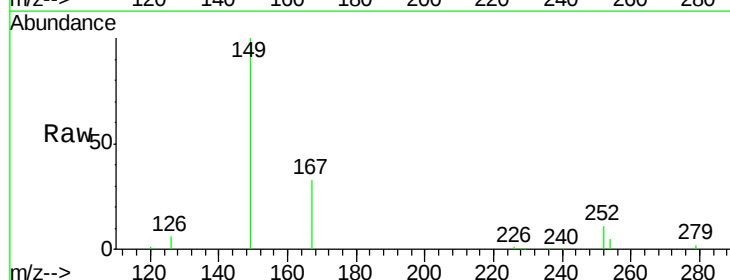
Tgt Ion:149 Resp: 48347

Ion Ratio Lower Upper

149 100

167 30.4 0.6 0.8#

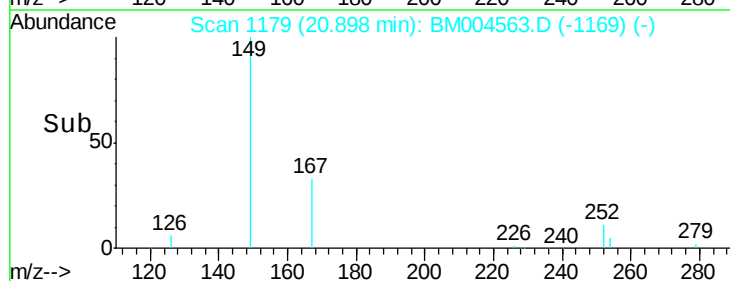
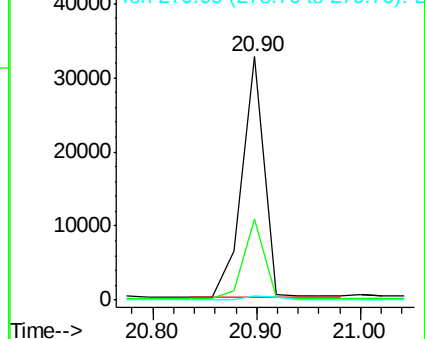
279 2.2 0.0 0.0#

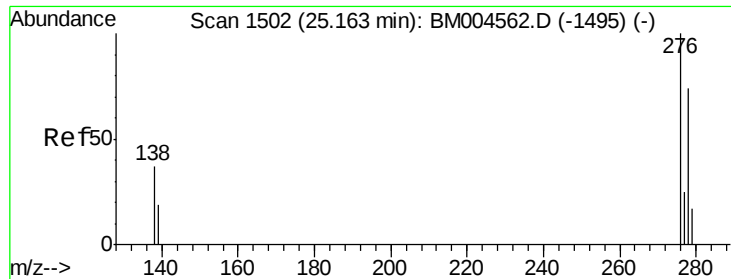


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.04 ng

RT: 25.15 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

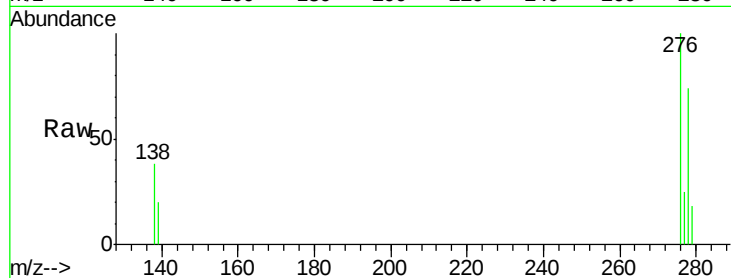
Tgt Ion:276 Resp: 66190

Ion Ratio Lower Upper

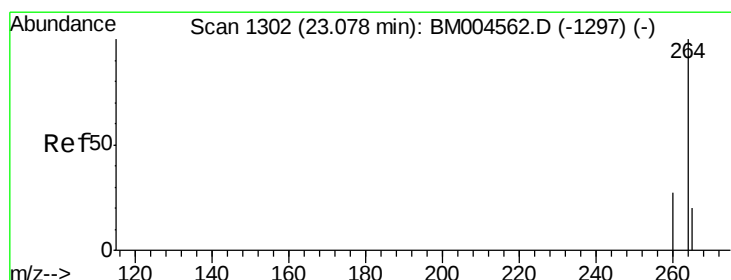
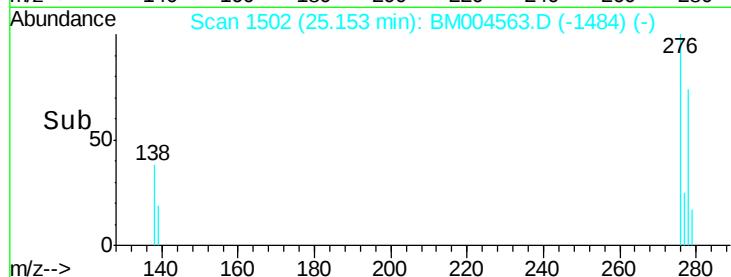
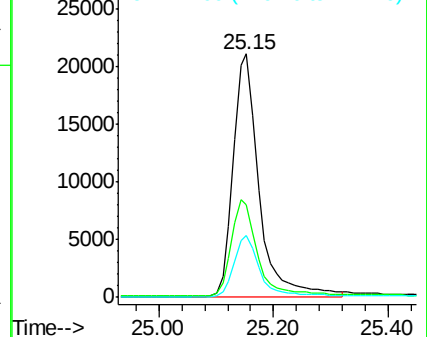
276 100

138 40.5 22.8 34.2#

277 24.9 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# 1303

Delta R.T. 0.00 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

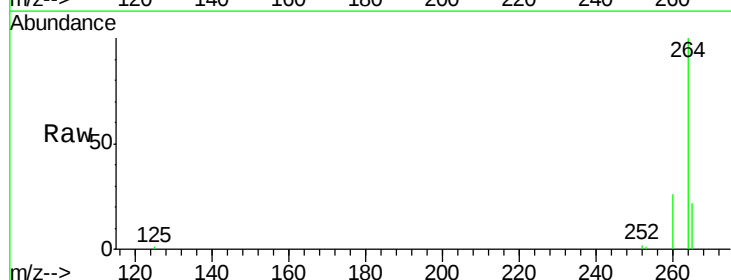
Tgt Ion:264 Resp: 105637

Ion Ratio Lower Upper

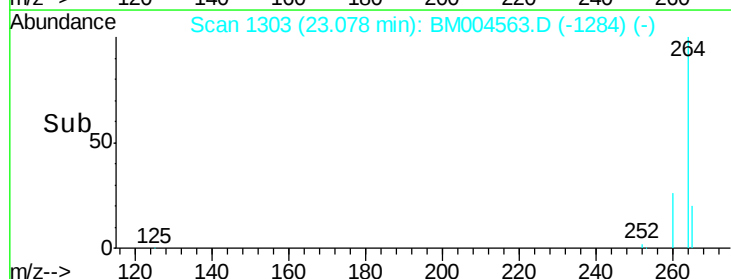
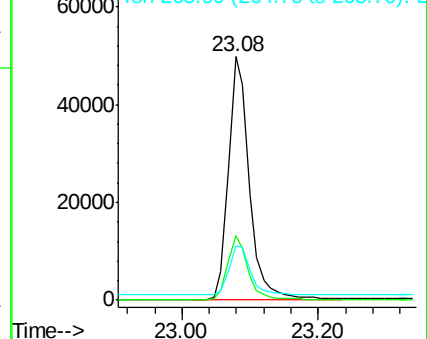
264 100

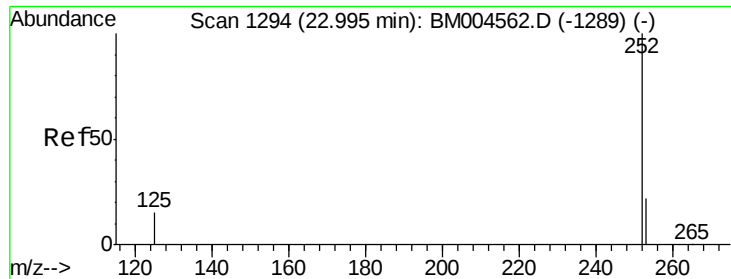
260 26.4 21.4 32.2

265 22.5 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: 1.99 ng

RT: 22.98 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

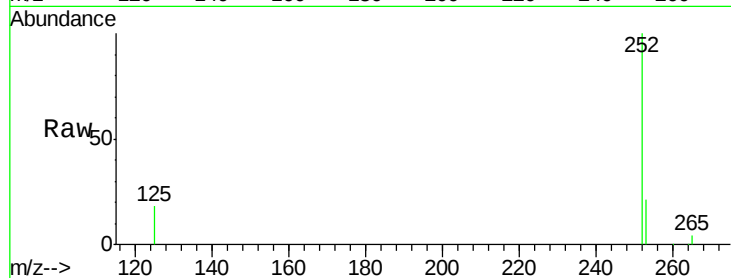
Tgt Ion: 252 Resp: 62767

Ion Ratio Lower Upper

252 100

253 21.0 19.0 28.6

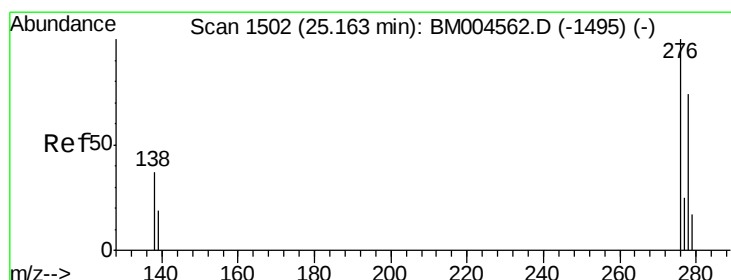
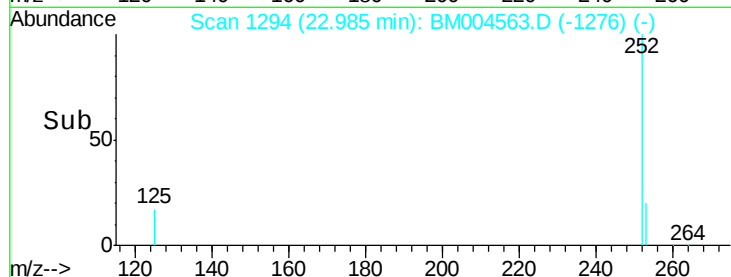
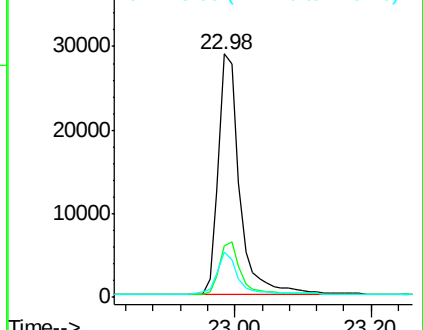
125 18.3 14.4 21.6



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: 1.98 ng

RT: 25.15 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BM004563.D

Acq: 05 Mar 2016 19:20

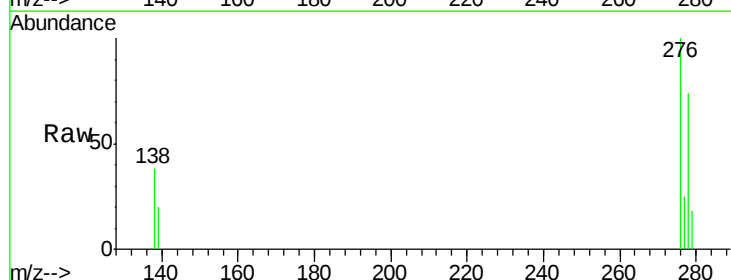
Tgt Ion: 278 Resp: 51681

Ion Ratio Lower Upper

278 100

139 27.3 21.7 32.5

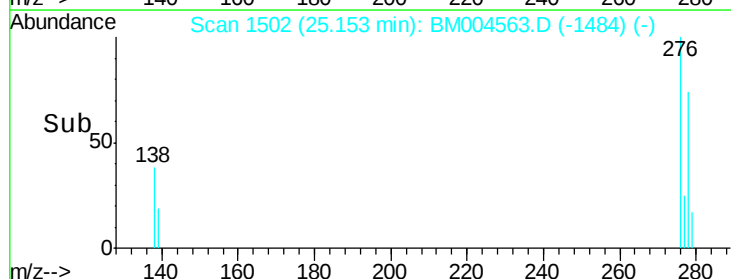
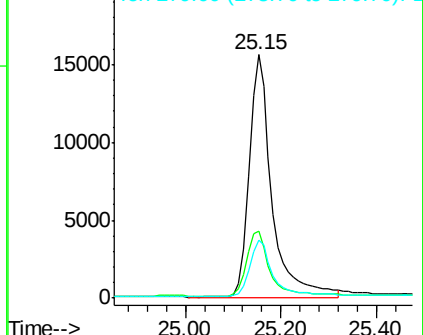
279 23.8 20.2 30.4

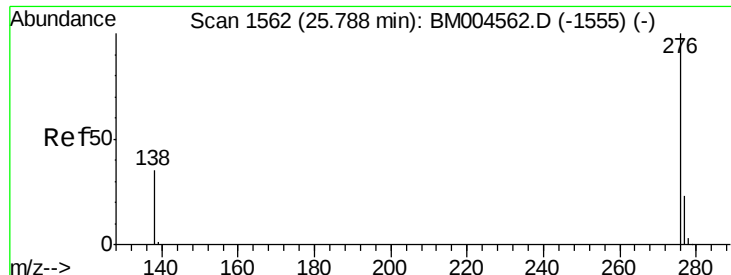


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.93 ng

RT: 25.78 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BM004563.D

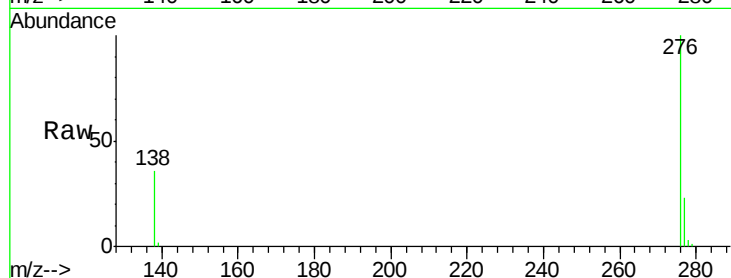
Acq: 05 Mar 2016 19:20

Instrument :

BNA_M

ClientSampleId :

SSTDIC002



Tgt Ion: 276 Resp: 56701

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 36.2 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

