

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051815\
 Data File : BM001331.D
 Acq On : 18 May 2015 15:19
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: May 19 02:22:21 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 05:24:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	17232	5.00	ng	-0.02
6) Naphthalene-d8	10.22	136	64584	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	36753	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	111925	5.00	ng	0.00
24) Chrysene-d12	21.08	240	64133	5.00	ng	0.00
30) Perylene-d12	23.18	264	52912	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	3116	0.93	ng	-0.02
5) Phenol-d6	6.63	99	3582	0.95	ng	0.00
7) Nitrobenzene-d5	8.60	82	3285	0.90	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	839	0.75	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	10766	0.94	ng	0.00
26) Terphenyl-d14	19.51	244	8537	0.99	ng	-0.01

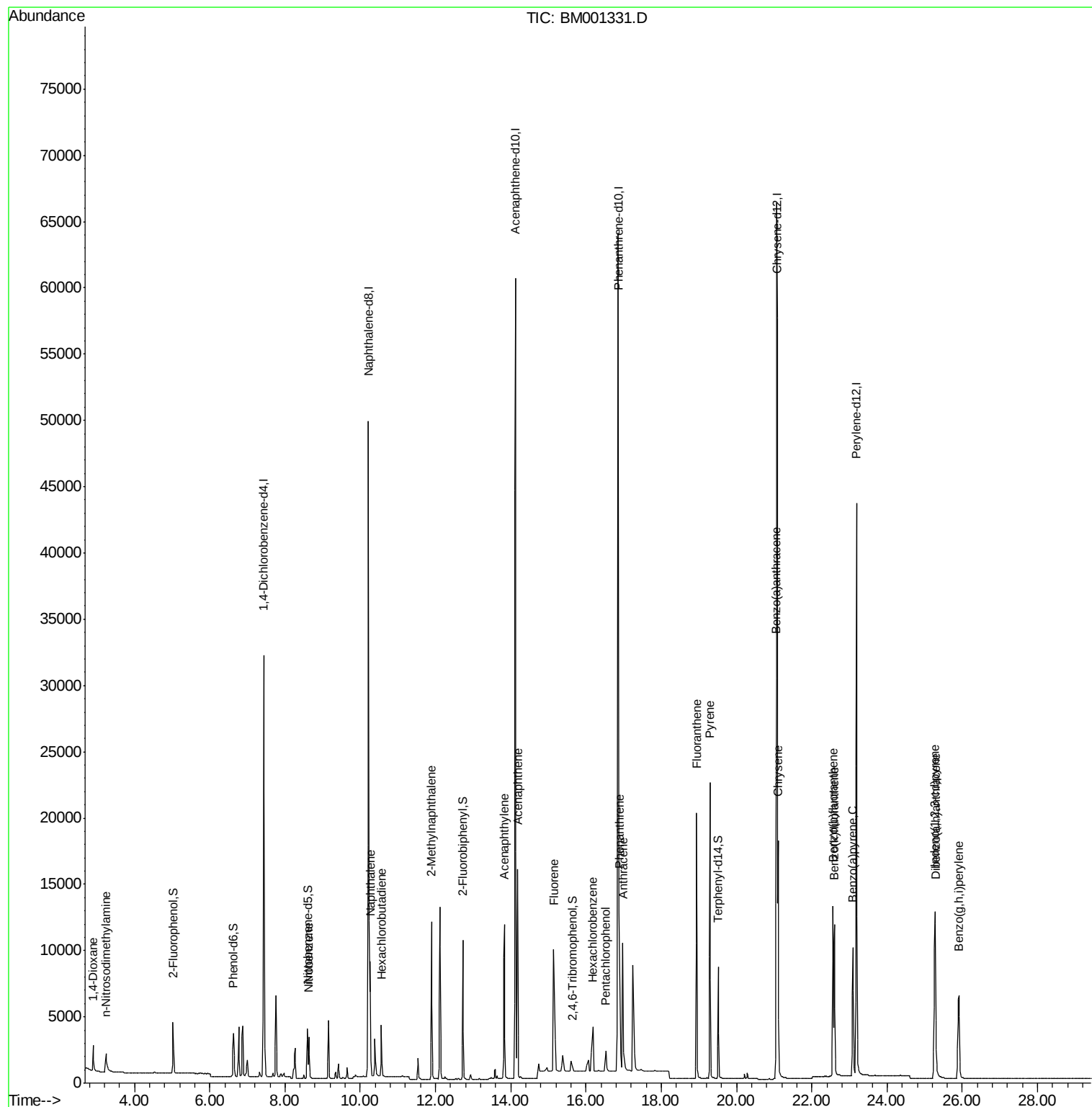
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	1851	0.75	ng	# 83
3) n-Nitrosodimethylamine	3.23	42	2048	1.05	ng	# 82
8) Nitrobenzene	8.64	77	3407	0.89	ng	99
9) Naphthalene	10.27	128	13224	0.96	ng	97
10) Hexachlorobutadiene	10.56	225	2620	0.98	ng	100
11) 2-Methylnaphthalene	11.90	142	8883	0.99	ng	90
15) Acenaphthylene	13.83	152	14633	0.97	ng	100
16) Acenaphthene	14.18	154	9159	0.95	ng	100
17) Fluorene	15.14	166	7865	0.90	ng	# 79
19) Hexachlorobenzene	16.18	284	5028	0.70	ng	# 83
20) Pentachlorophenol	16.52	266	1234	0.97	ng	91
21) Phenanthrene	16.88	178	16899	0.99	ng	# 97
22) Anthracene	16.98	178	15617	0.94	ng	# 96
23) Fluoranthene	18.93	202	18811	0.70	ng	100
25) Pyrene	19.30	202	19700	0.99	ng	100
27) Benzo(a)anthracene	21.06	228	16077	0.92	ng	98
28) Chrysene	21.11	228	16721	0.95	ng	98
29) Indeno(1,2,3-cd)pyrene	25.27	276	14593	0.81	ng	99
31) Benzo(b)fluoranthene	22.56	252	15556	1.00	ng	98
32) Benzo(k)fluoranthene	22.60	252	13772	0.93	ng	99
33) Benzo(a)pyrene	23.09	252	12610	0.94	ng	98
34) Dibenzo(a,h)anthracene	25.28	278	11089	0.88	ng	99
35) Benzo(g,h,i)perylene	25.90	276	12291	0.89	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. -0.02 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

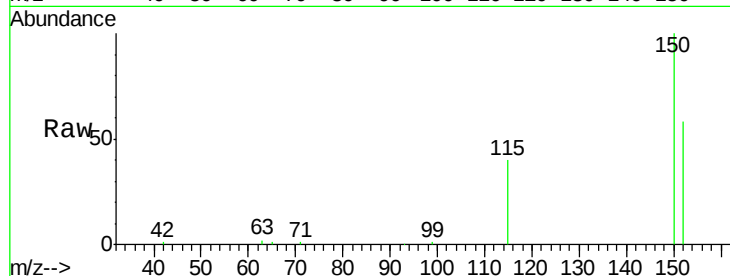
Tgt Ion: 152 Resp: 17232

Ion Ratio Lower Upper

152 100

150 173.7 114.6 172.0#

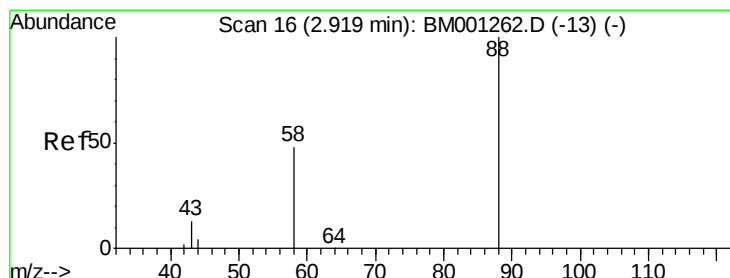
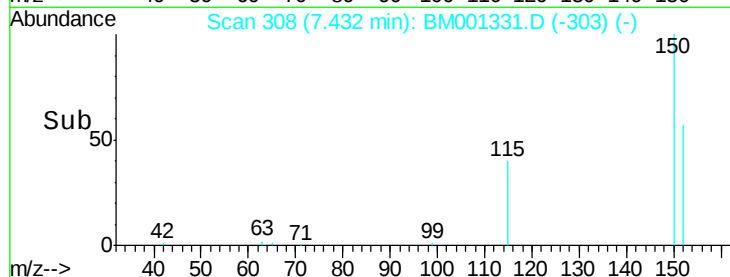
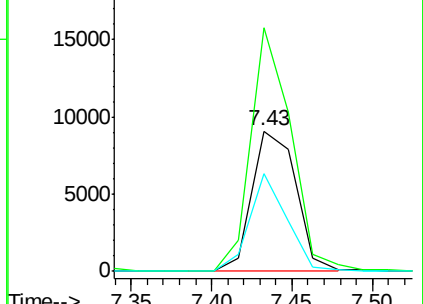
115 69.7 39.3 58.9#



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: 0.75 ng

RT: 2.90 min Scan# 15

Delta R.T. -0.01 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

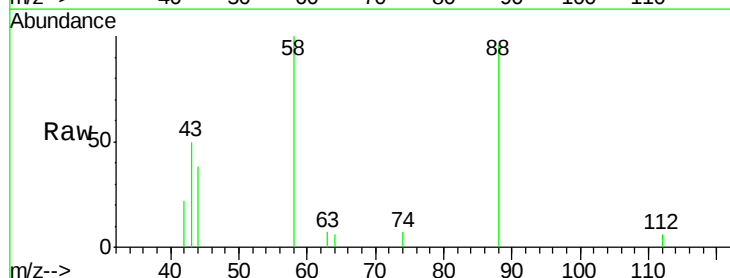
Tgt Ion: 88 Resp: 1851

Ion Ratio Lower Upper

88 100

58 61.6 39.0 58.6#

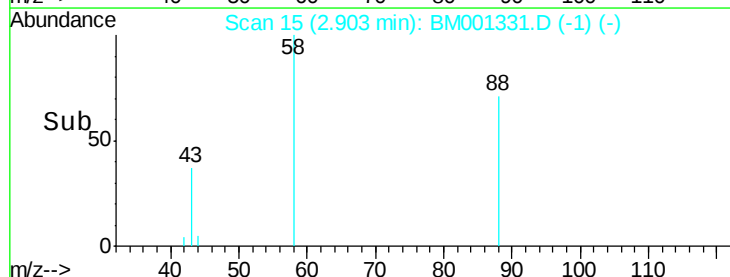
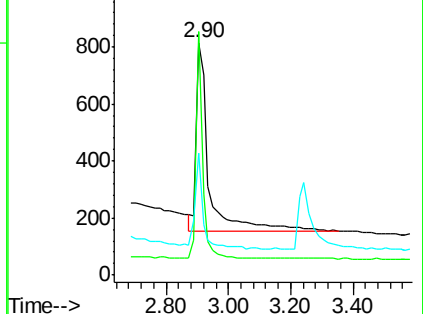
43 31.6 20.2 30.2#



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: 1.05 ng

RT: 3.23 min Scan# 36

Delta R.T. -0.02 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

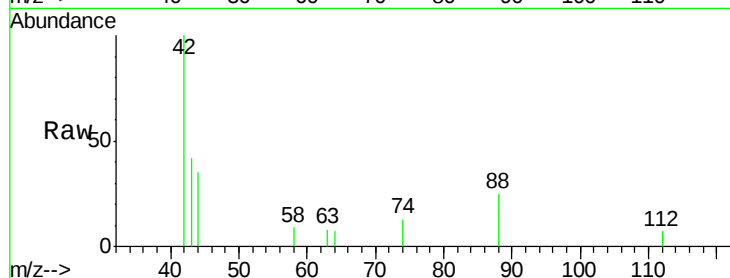
Tgt Ion: 42 Resp: 2048

Ion Ratio Lower Upper

42 100

74 83.4 82.1 123.1

44 5.2 3.0 4.4#



Abundance Ion 42.00 (41.70 to 42.70): BM001262.D (-33) (-)

Ion 74.00 (73.70 to 74.70): BM001262.D (-33) (-)

Ion 44.00 (43.70 to 44.70): BM001262.D (-33) (-)

3.23

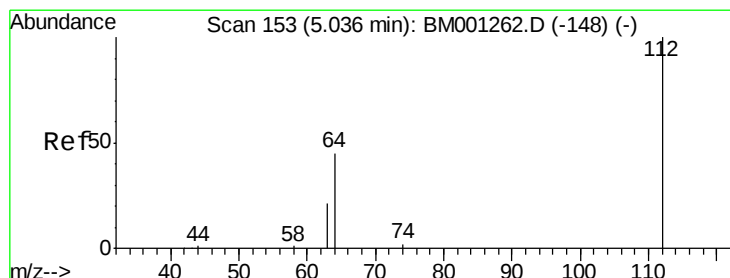
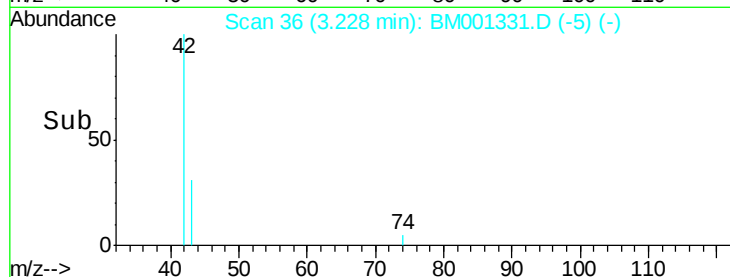
600

400

200

0

Time--> 3.00 3.20 3.40 3.60 3.80



#4

2-Fluorophenol

Concen: 0.93 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

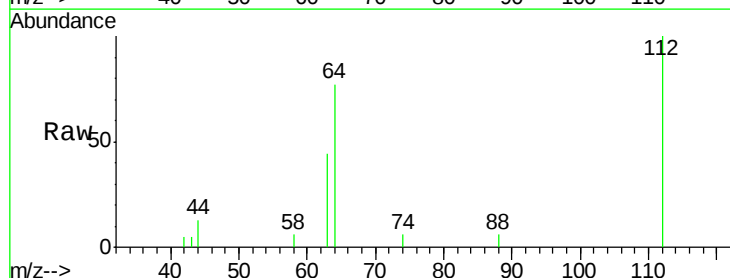
Tgt Ion: 112 Resp: 3116

Ion Ratio Lower Upper

112 100

64 64.0 50.8 76.2

63 36.1 28.2 42.4



Abundance Ion 112.00 (111.70 to 112.70): BM001262.D (-148) (-)

Ion 64.00 (63.70 to 64.70): BM001262.D (-148) (-)

Ion 63.00 (62.70 to 63.70): BM001262.D (-148) (-)

5.02

2000

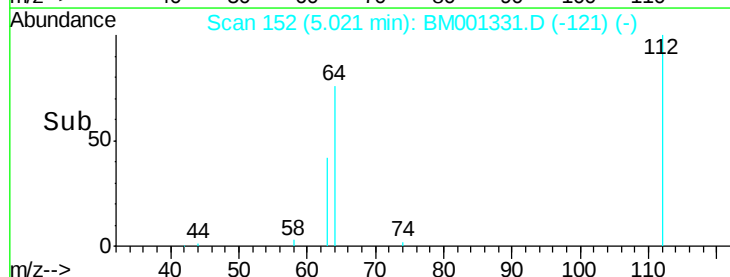
1500

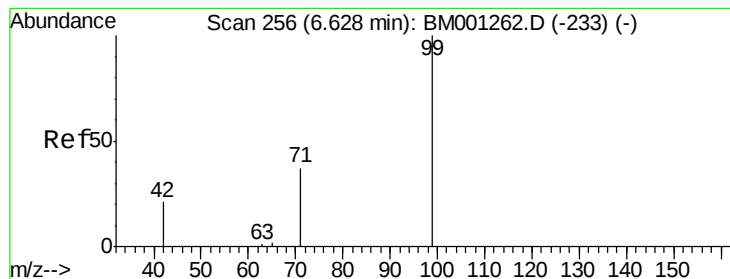
1000

500

0

Time--> 4.60 4.80 5.00 5.20 5.40





#5

Phenol-d6

Concen: 0.95 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

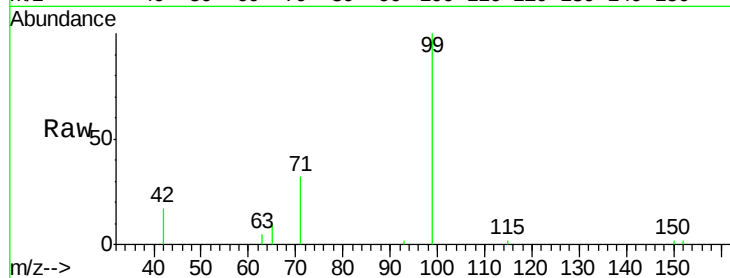
Tgt Ion: 99 Resp: 3582

Ion Ratio Lower Upper

99 100

42 25.8 19.9 29.9

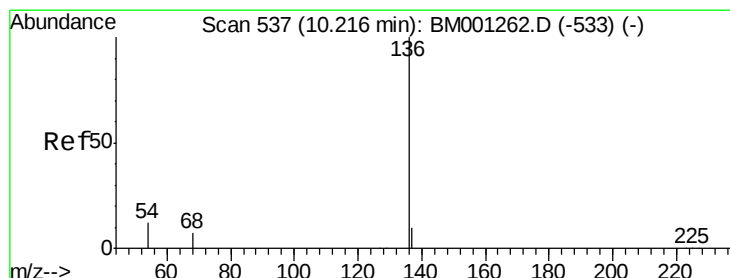
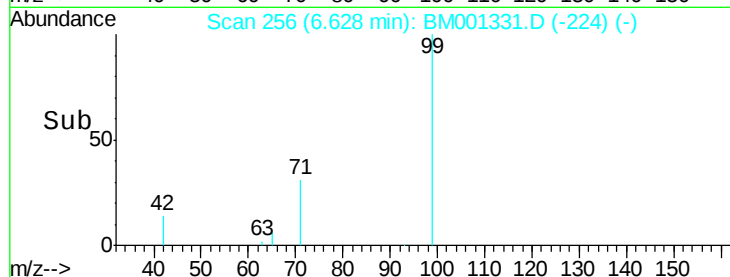
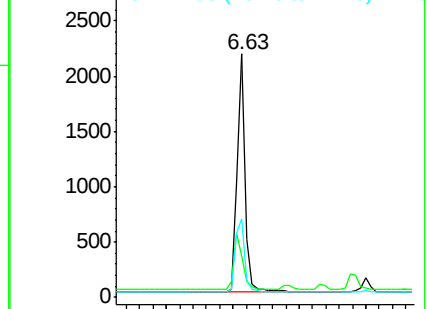
71 36.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001262.D (-233) (-)

Ion 42.00 (41.70 to 42.70): BM001262.D (-233) (-)

Ion 71.00 (70.70 to 71.70): BM001262.D (-233) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Tgt Ion: 136 Resp: 64584

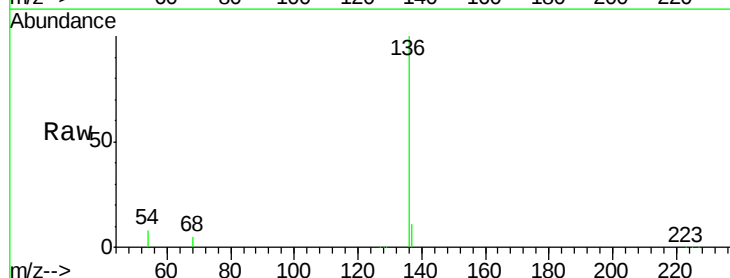
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 7.8 9.5 14.3#

68 4.7 5.5 8.3#

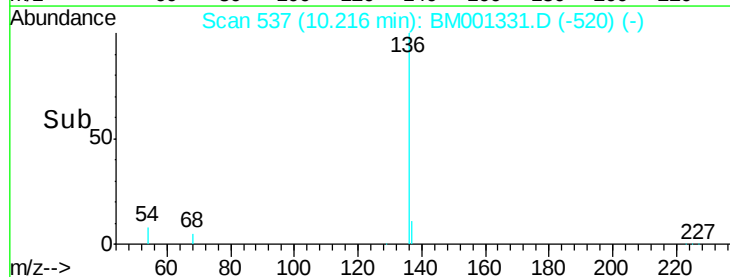
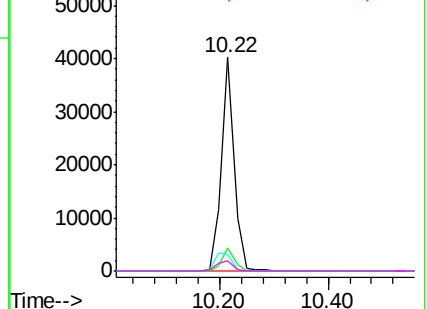


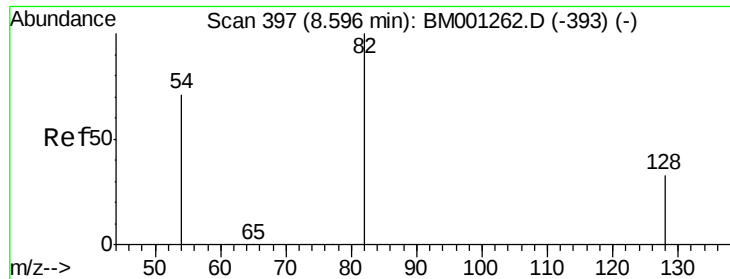
Abundance Ion 136.00 (135.70 to 136.70): BM001262.D (-533) (-)

Ion 137.00 (136.70 to 137.70): BM001262.D (-533) (-)

Ion 54.00 (53.70 to 54.70): BM001262.D (-533) (-)

Ion 68.00 (67.70 to 68.70): BM001262.D (-533) (-)





#7

Nitrobenzene-d5

Concen: 0.90 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

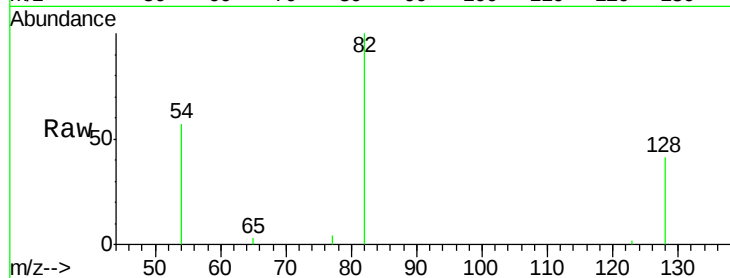
Tgt Ion: 82 Resp: 3285

Ion Ratio Lower Upper

82 100

128 41.1 28.0 42.0

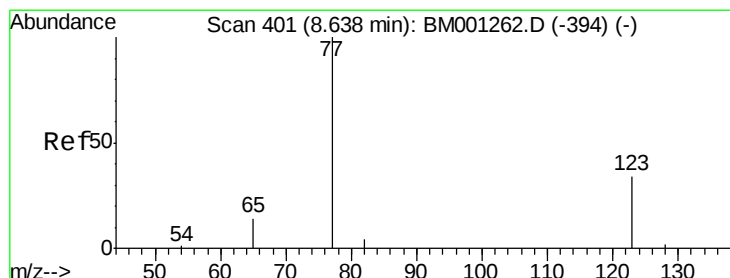
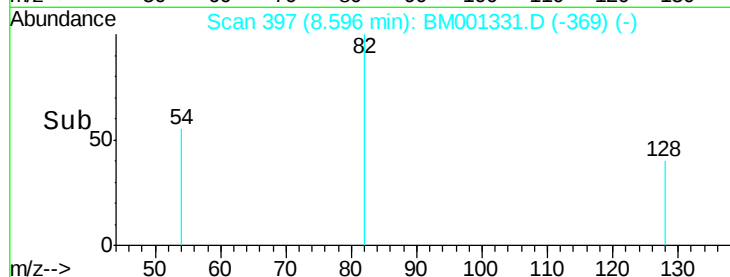
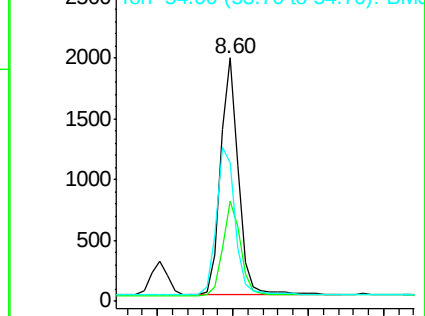
54 56.7 57.3 85.9#



Abundance Ion 82.00 (81.70 to 82.70): BM001331.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001331.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001331.D (-369) (-)



#8

Nitrobenzene

Concen: 0.89 ng

RT: 8.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

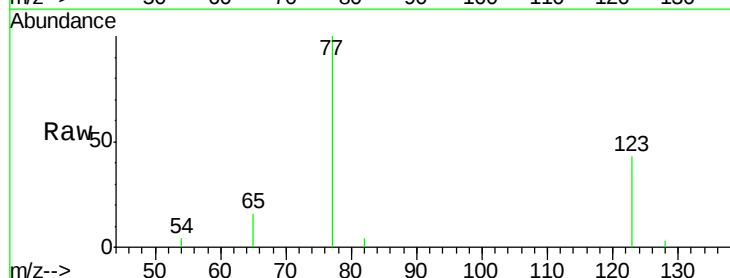
Tgt Ion: 77 Resp: 3407

Ion Ratio Lower Upper

77 100

123 42.2 33.4 50.2

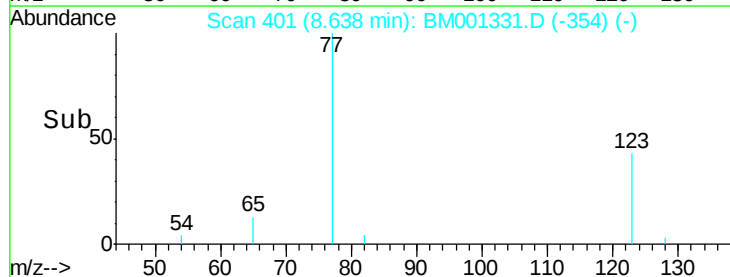
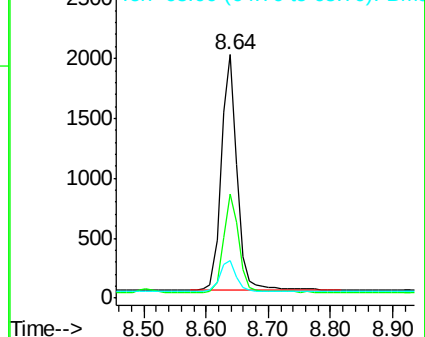
65 14.4 10.6 15.8

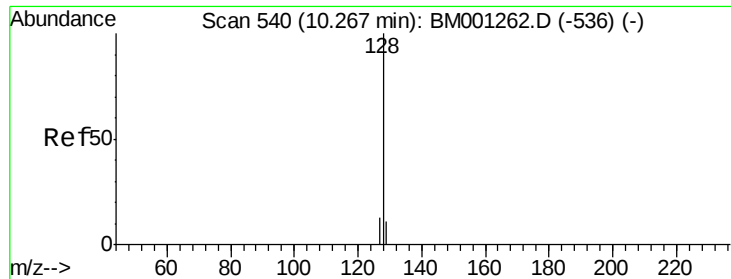


Abundance Ion 77.00 (76.70 to 77.70): BM001331.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001331.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001331.D (-354) (-)





#9

Naphthalene

Concen: 0.96 ng

RT: 10.27 min Scan# 540

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

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ClientSampleId :

SSTDCCC001

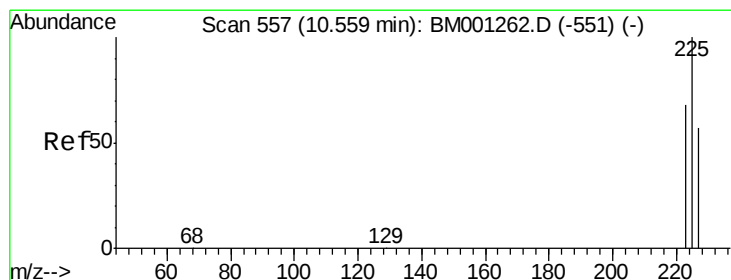
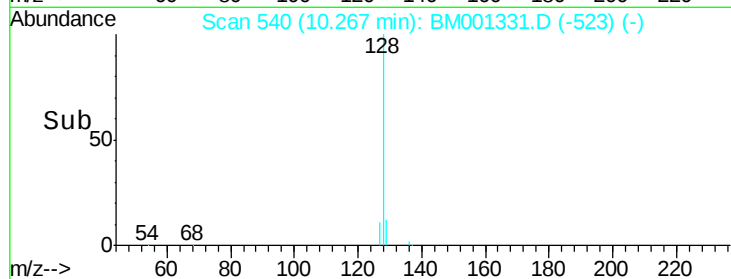
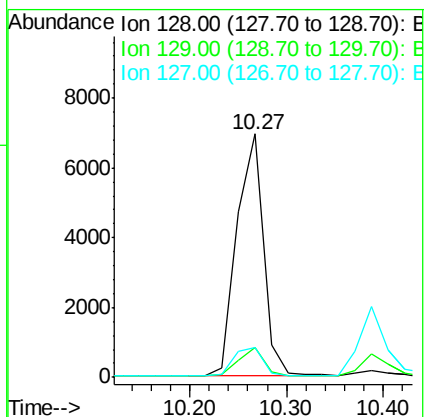
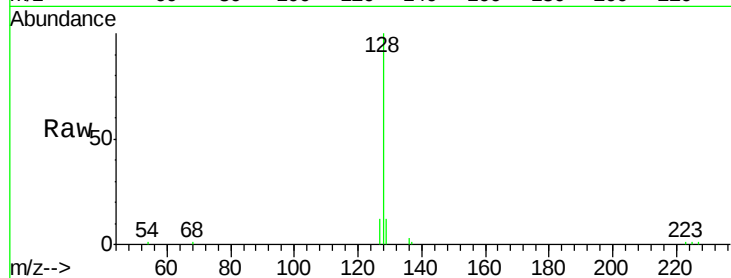
Tgt Ion:128 Resp: 13224

Ion Ratio Lower Upper

128 100

129 12.3 9.1 13.7

127 12.1 10.6 16.0



#10

Hexachlorobutadiene

Concen: 0.98 ng

RT: 10.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

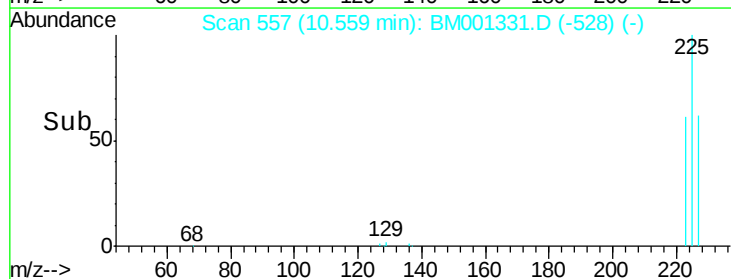
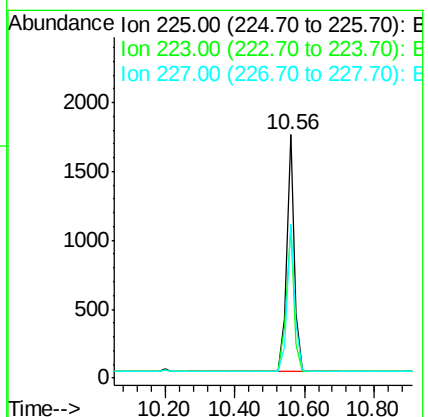
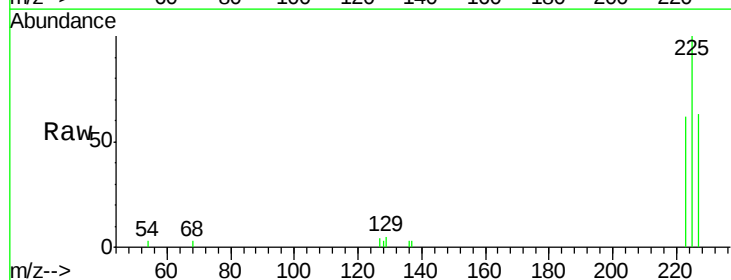
Tgt Ion:225 Resp: 2620

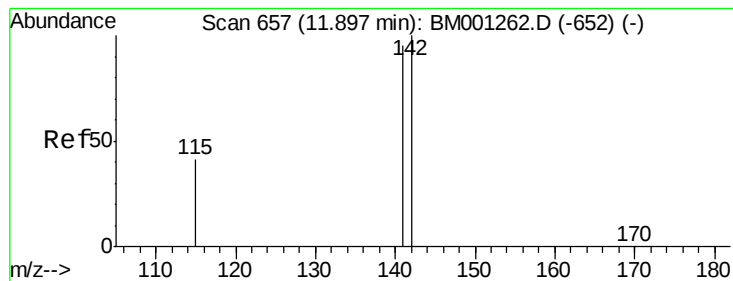
Ion Ratio Lower Upper

225 100

223 62.1 49.6 74.4

227 63.7 51.4 77.2





#11

2-Methylnaphthalene

Concen: 0.99 ng

RT: 11.90 min Scan# 657

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

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SSTDCCC001

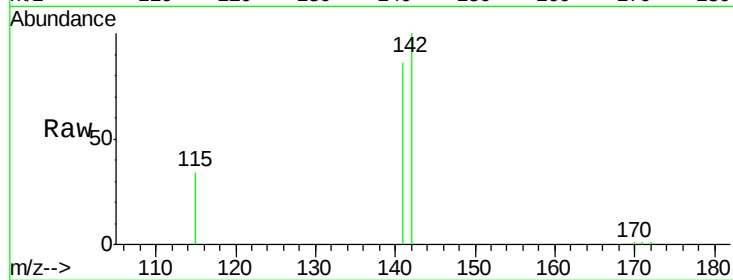
Tgt Ion:142 Resp: 8883

Ion Ratio Lower Upper

142 100

141 85.8 76.1 114.1

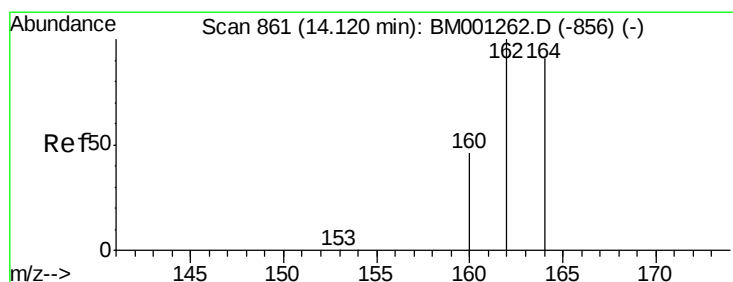
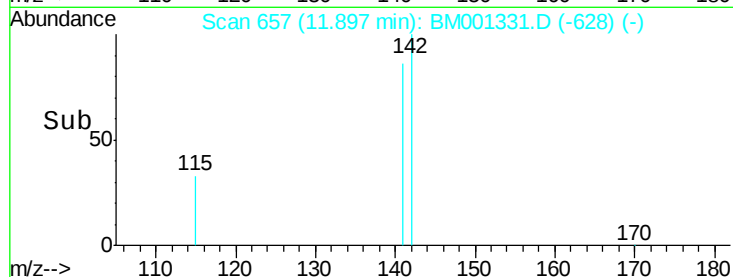
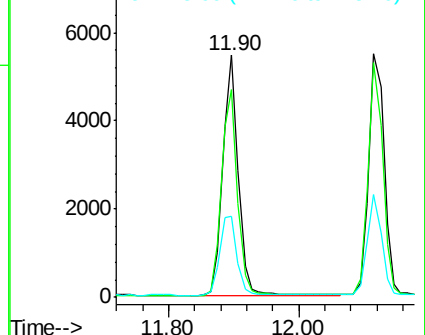
115 33.6 33.1 49.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

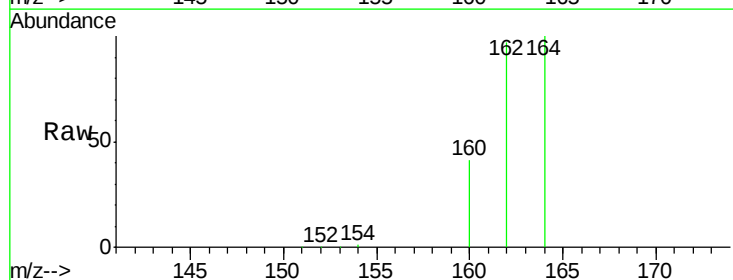
Tgt Ion:164 Resp: 36753

Ion Ratio Lower Upper

164 100

162 97.4 87.9 131.9

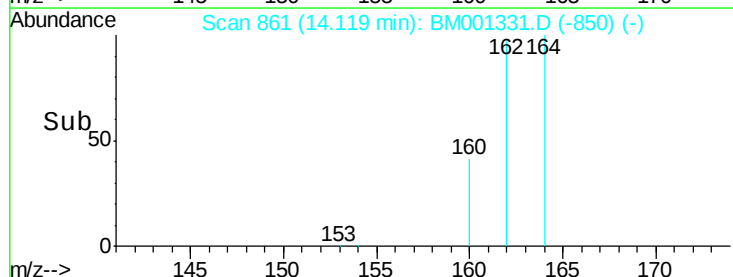
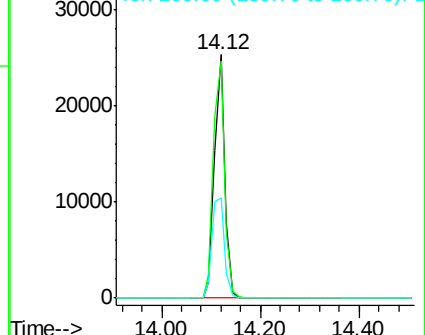
160 41.0 40.9 61.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

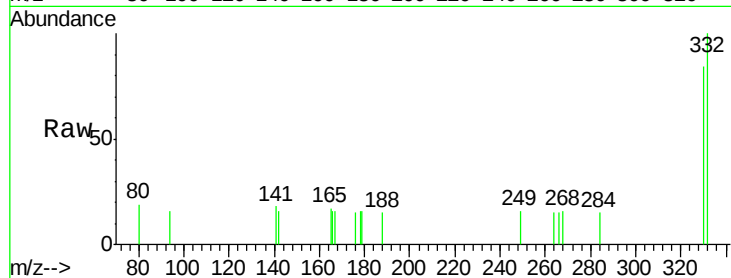




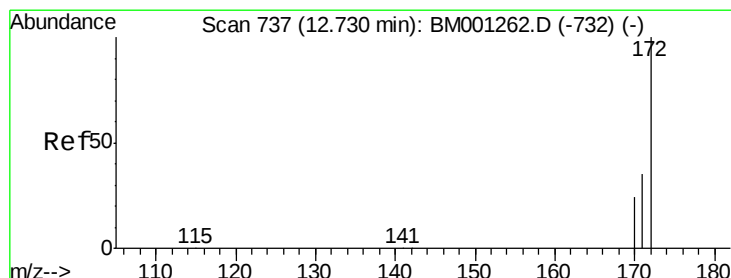
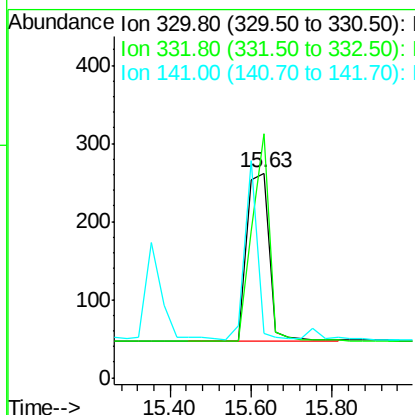
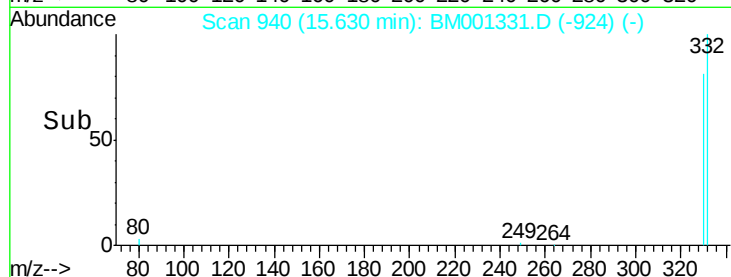
#13
 2,4,6-Tribromophenol
 Concen: 0.75 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001331.D
 Acq: 18 May 2015 15:19

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Tgt Ion:330 Resp: 839
 Ion Ratio Lower Upper
 330 100
 332 95.7 89.0 133.4
 141 0.0 0.0 0.0

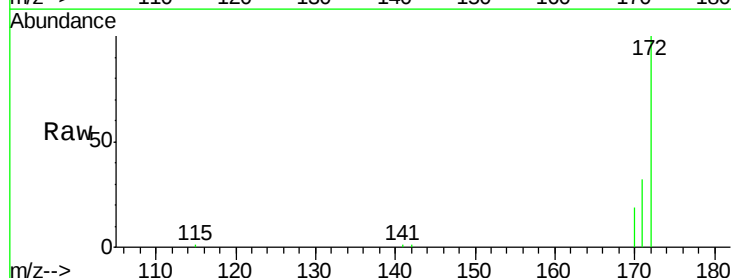


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

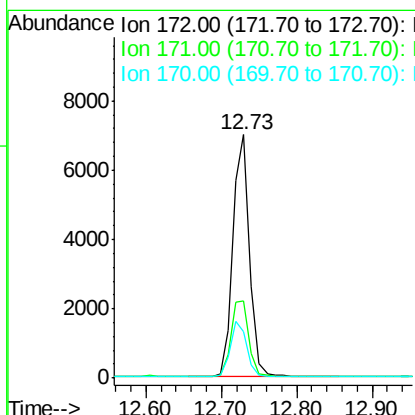
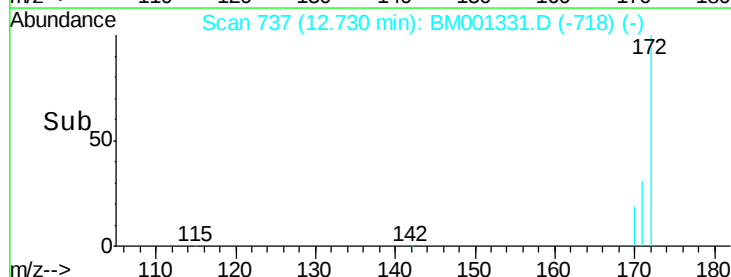


#14
 2-Fluorobiphenyl
 Concen: 0.94 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001331.D
 Acq: 18 May 2015 15:19

Tgt Ion:172 Resp: 10766
 Ion Ratio Lower Upper
 172 100
 171 31.8 28.7 43.1
 170 19.2 19.5 29.3#



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: 0.97 ng

RT: 13.83 min Scan# 837

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

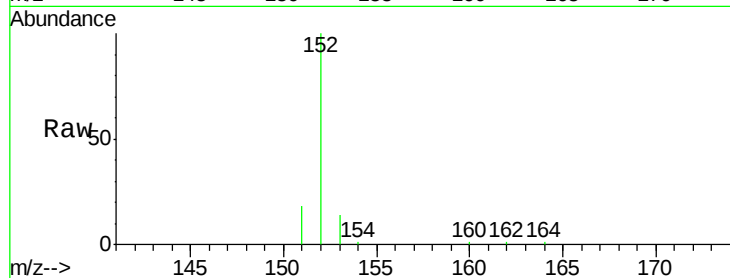
Tgt Ion:152 Resp: 14633

Ion Ratio Lower Upper

152 100

151 18.5 15.0 22.4

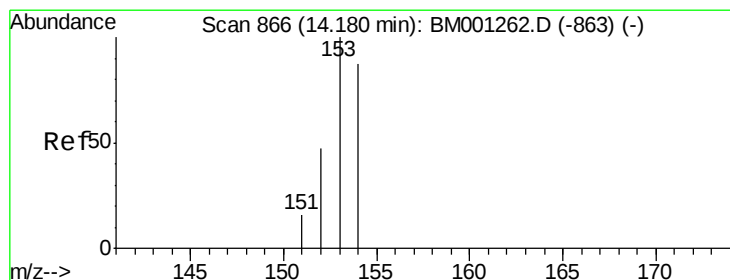
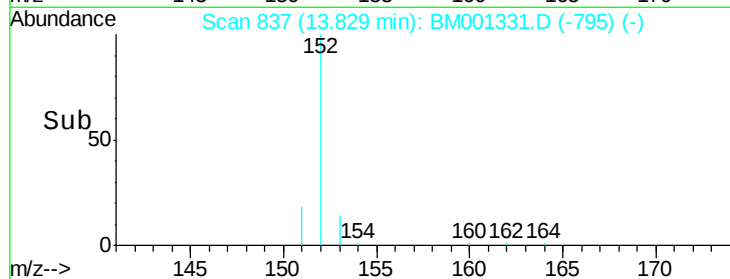
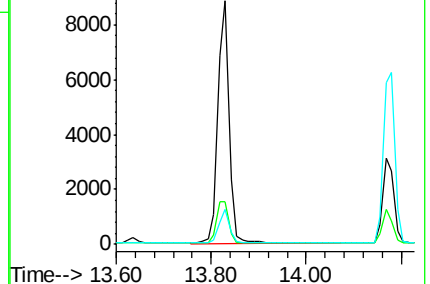
153 12.7 10.1 15.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.95 ng

RT: 14.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

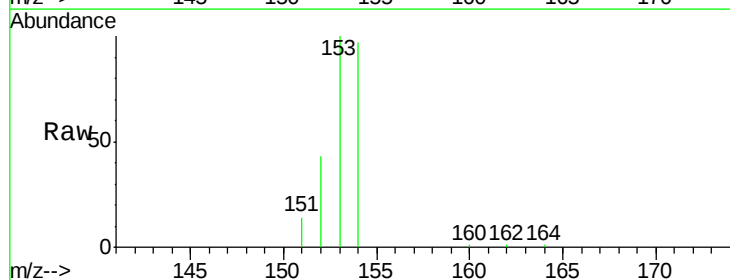
Tgt Ion:154 Resp: 9159

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

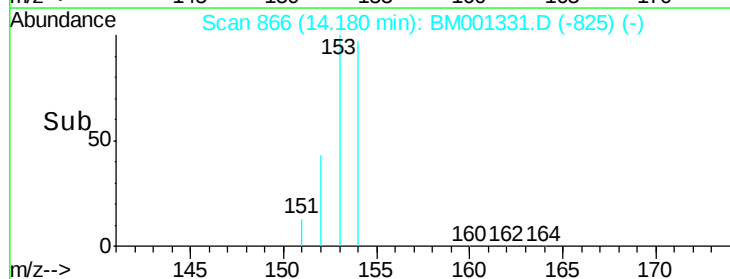
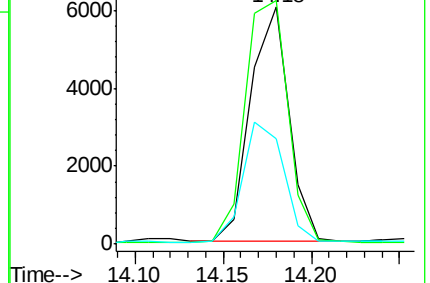
152 54.8 44.3 66.5

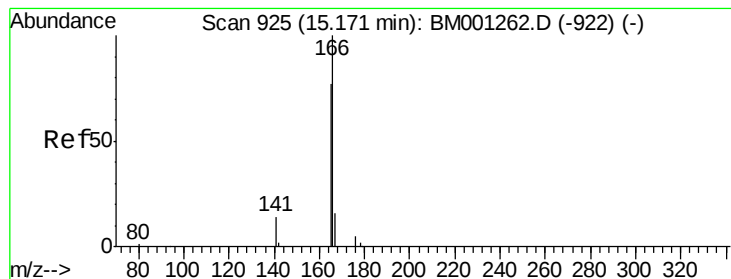


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.90 ng

RT: 15.14 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

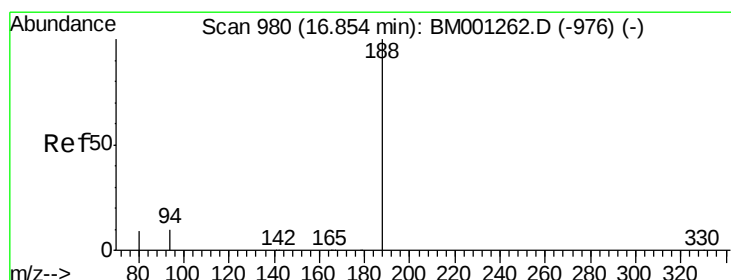
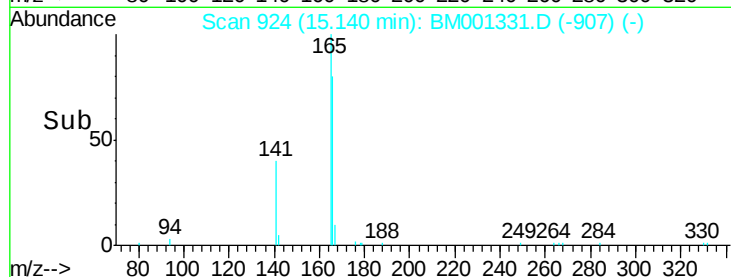
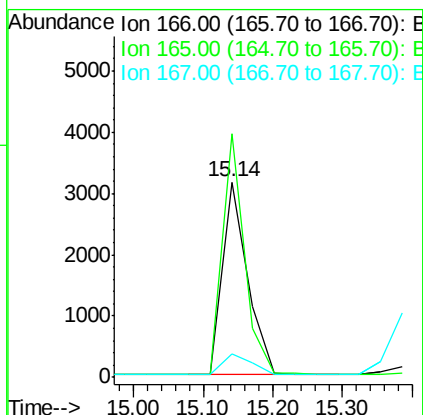
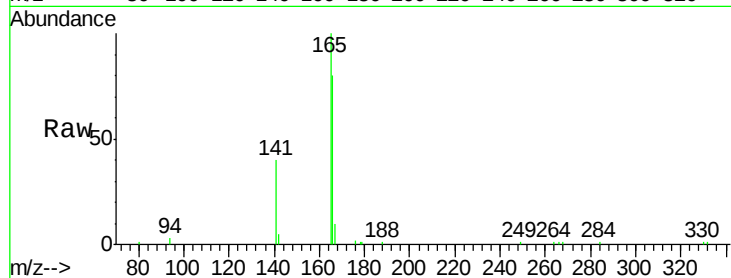
Tgt Ion:166 Resp: 7865

Ion Ratio Lower Upper

166 100

165 110.5 70.6 106.0#

167 15.9 11.3 16.9



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

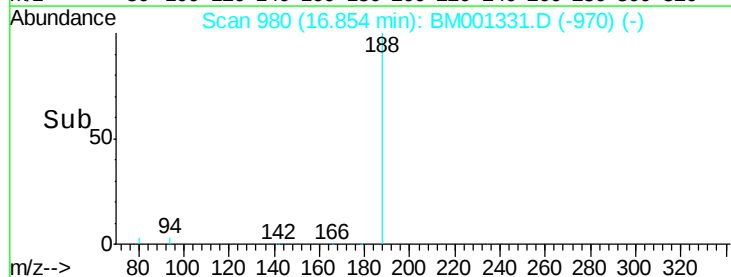
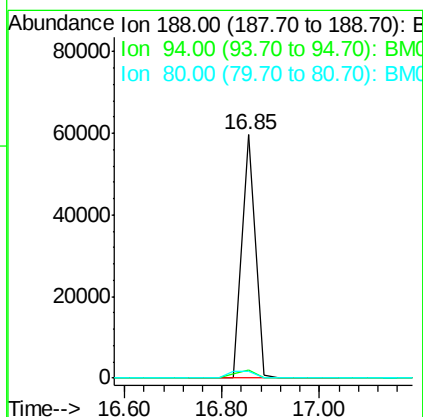
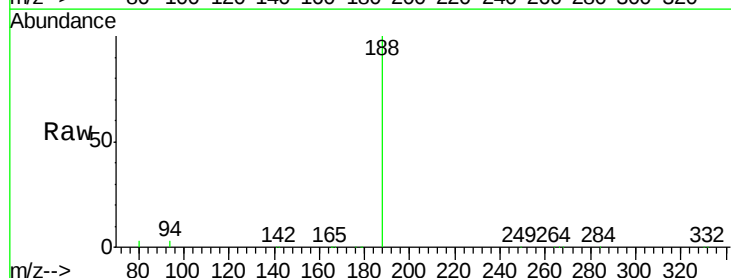
Tgt Ion:188 Resp: 111925

Ion Ratio Lower Upper

188 100

94 3.1 7.8 11.8#

80 2.7 7.5 11.3#





#19

Hexachlorobenzene

Concen: 0.70 ng

RT: 16.18 min Scan# 958

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

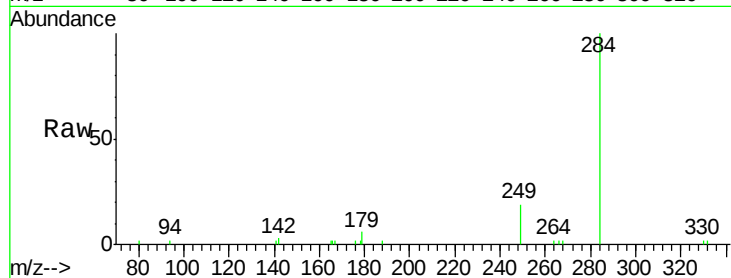
Tgt Ion:284 Resp: 5028

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

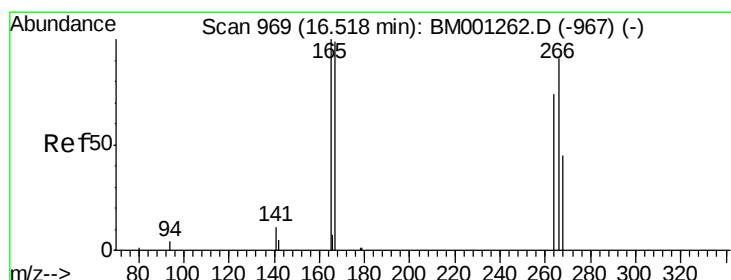
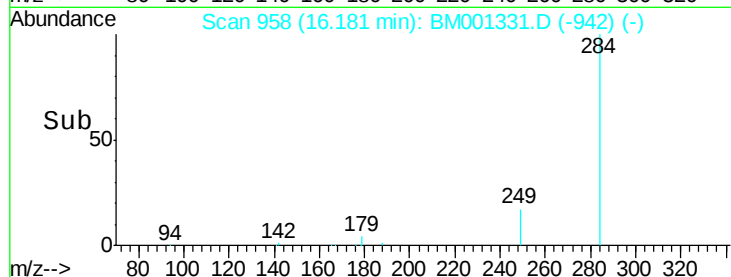
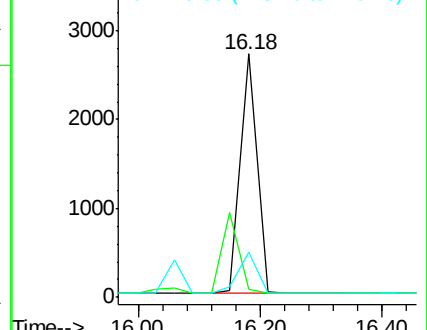
249 19.6 22.7 34.1#



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



#20

Pentachlorophenol

Concen: 0.97 ng

RT: 16.52 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

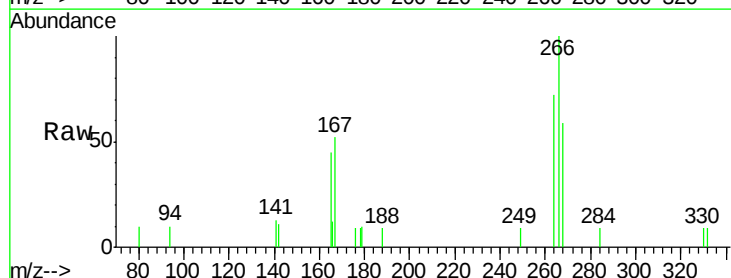
Tgt Ion:266 Resp: 1234

Ion Ratio Lower Upper

266 100

268 59.3 49.4 74.0

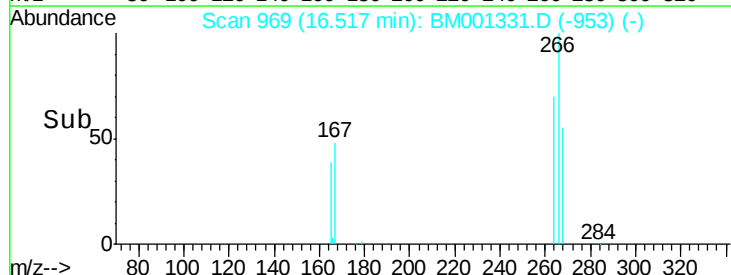
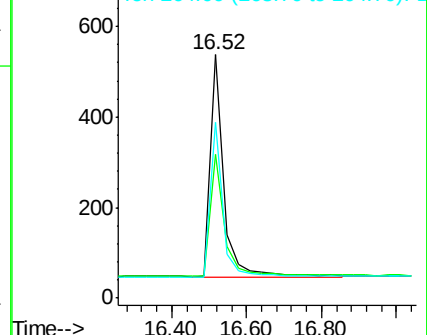
264 72.3 67.8 101.6

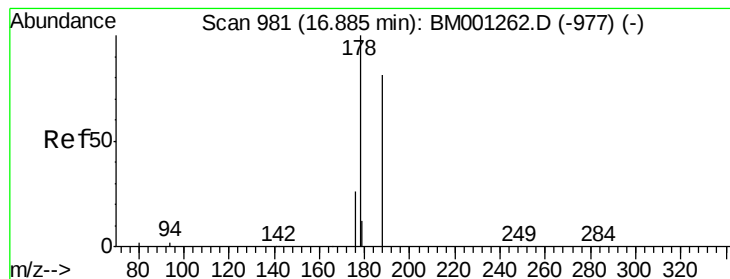


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.99 ng

RT: 16.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

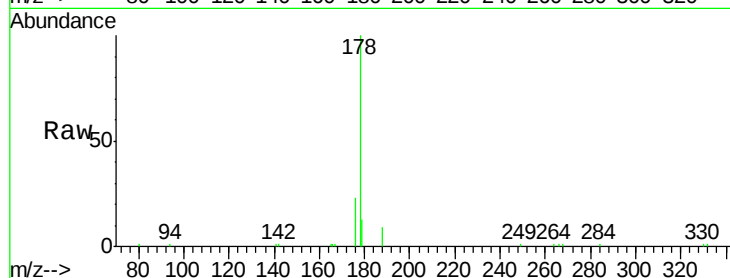
Tgt Ion:178 Resp: 16899

Ion Ratio Lower Upper

178 100

176 21.5 15.9 23.9

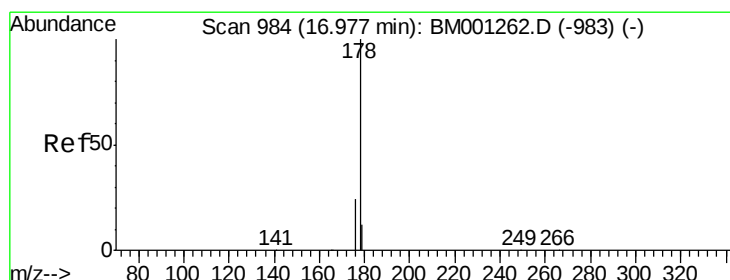
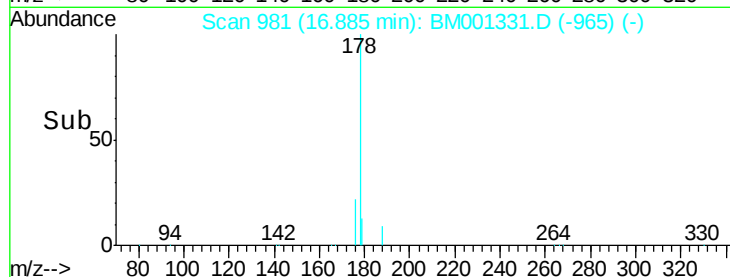
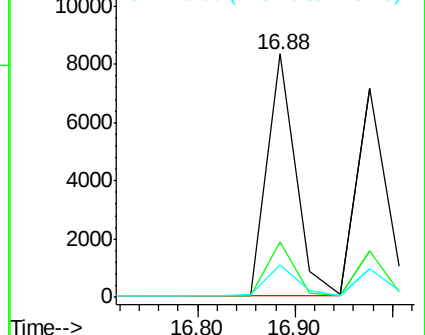
179 13.9 0.0 0.0#



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



#22

Anthracene

Concen: 0.94 ng

RT: 16.98 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

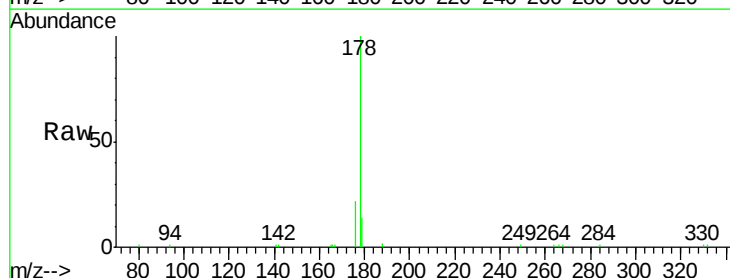
Tgt Ion:178 Resp: 15617

Ion Ratio Lower Upper

178 100

176 20.7 15.3 22.9

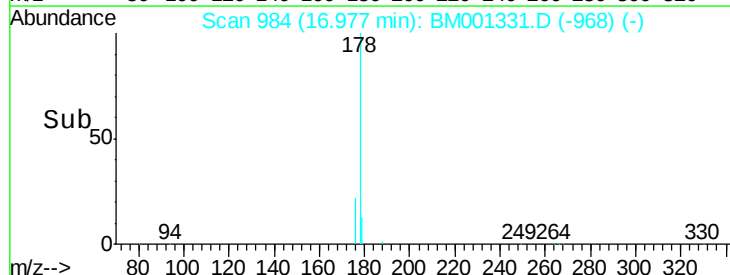
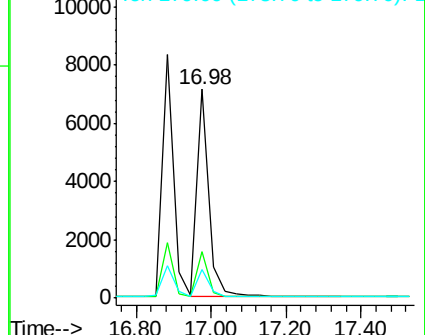
179 13.8 0.0 0.0#

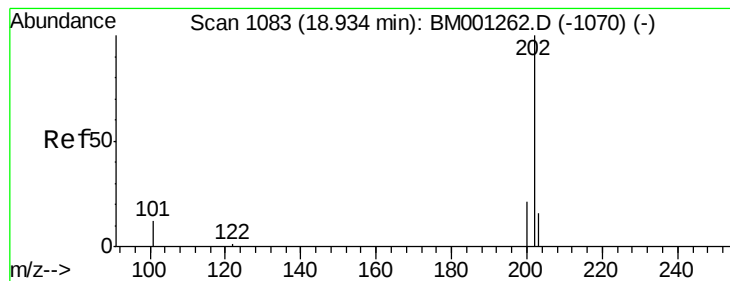


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.70 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

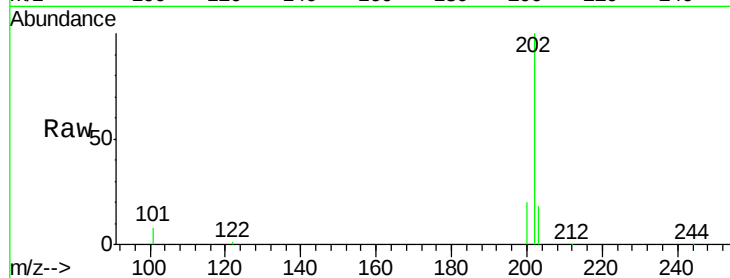
Tgt Ion: 202 Resp: 18811

Ion Ratio Lower Upper

202 100

101 11.1 9.1 13.7

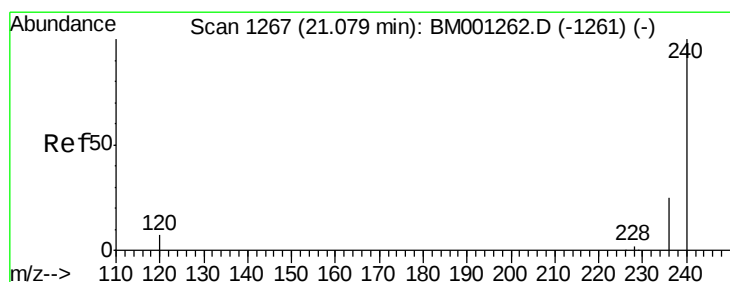
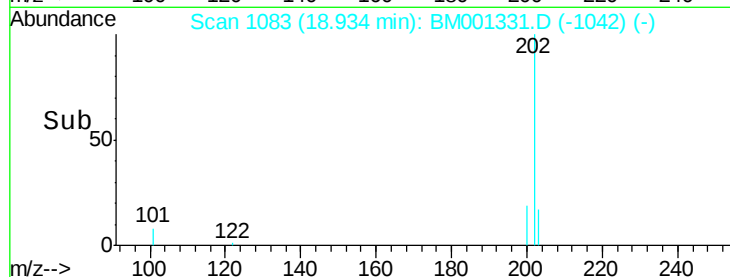
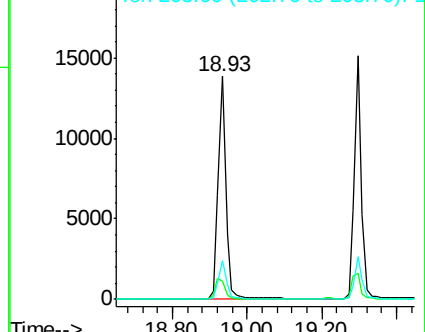
203 17.2 13.8 20.6



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.08 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

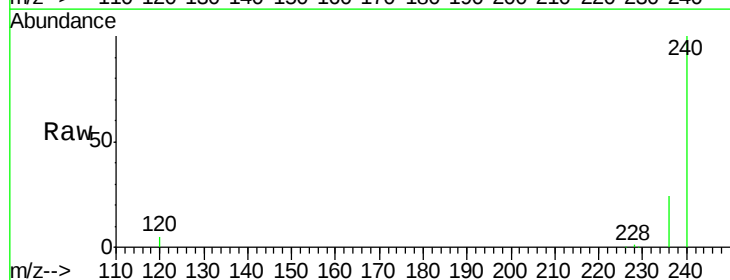
Tgt Ion: 240 Resp: 64133

Ion Ratio Lower Upper

240 100

120 4.9 5.5 8.3#

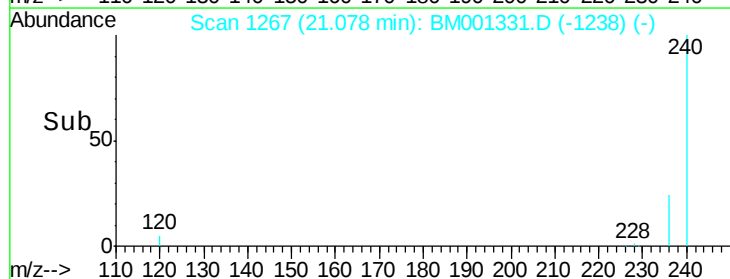
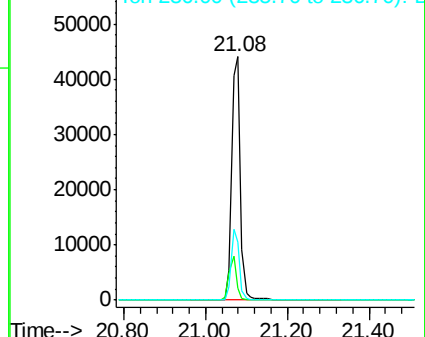
236 23.7 20.4 30.6

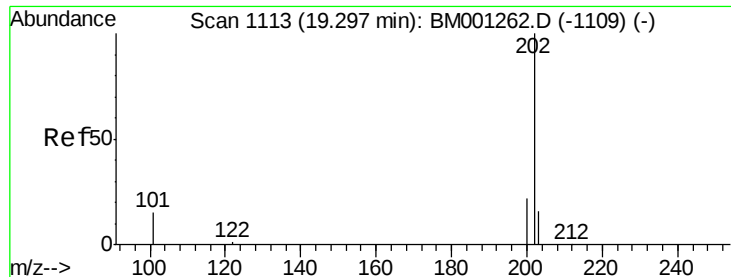


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

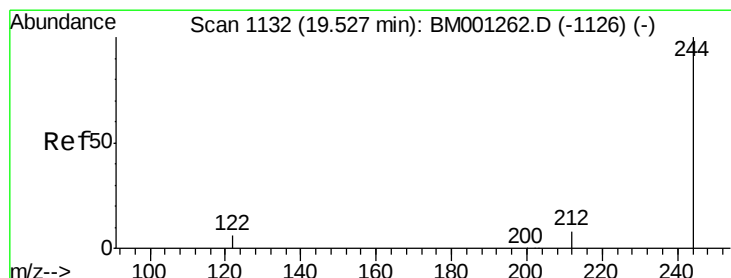
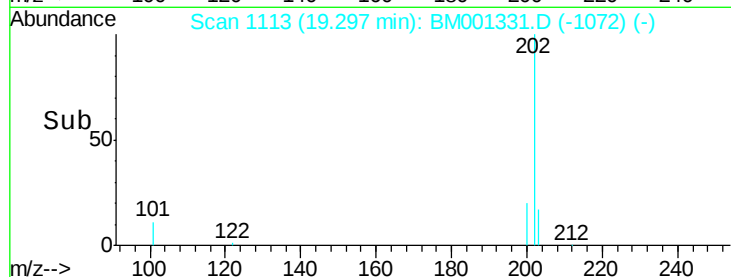
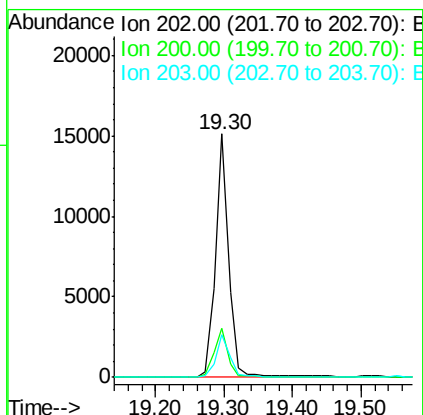
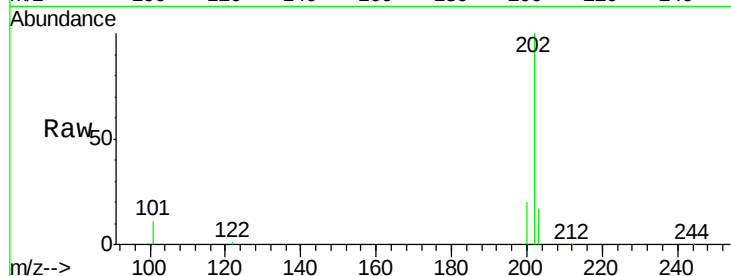




#25
 Pyrene
 Concen: 0.99 ng
 RT: 19.30 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BM001331.D
 Acq: 18 May 2015 15:19

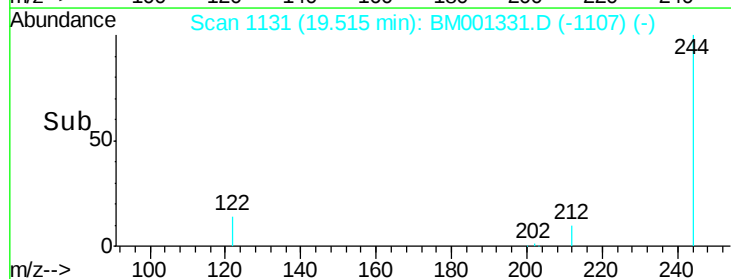
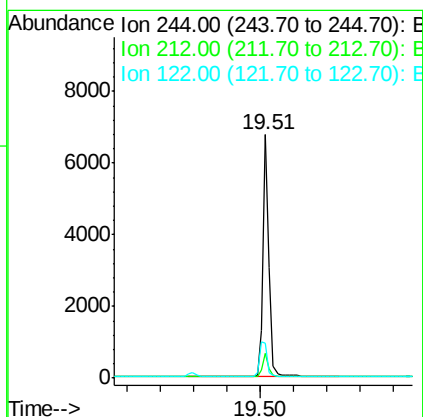
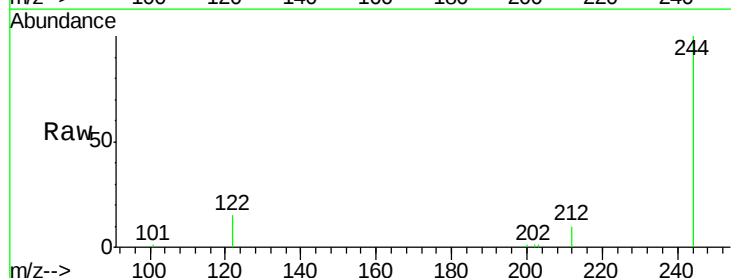
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

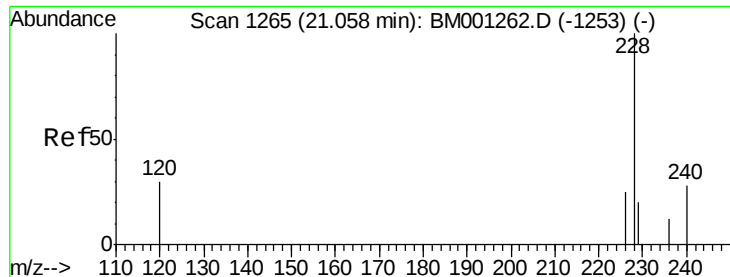
Tgt Ion: 202 Resp: 19700
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.4 24.6
 203 17.3 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.99 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BM001331.D
 Acq: 18 May 2015 15:19

Tgt Ion: 244 Resp: 8537
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.2 10.8
 122 14.6 5.6 8.4#





#27

Benzo(a)anthracene

Concen: 0.92 ng

RT: 21.06 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

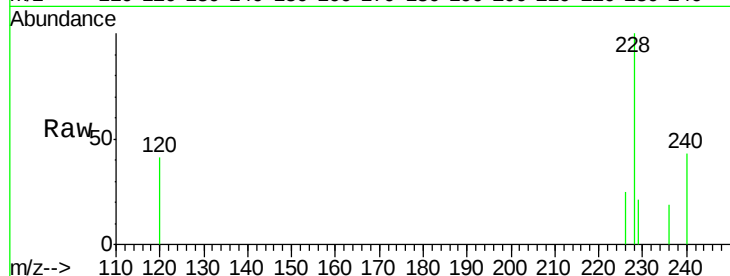
Tgt Ion:228 Resp: 16077

Ion Ratio Lower Upper

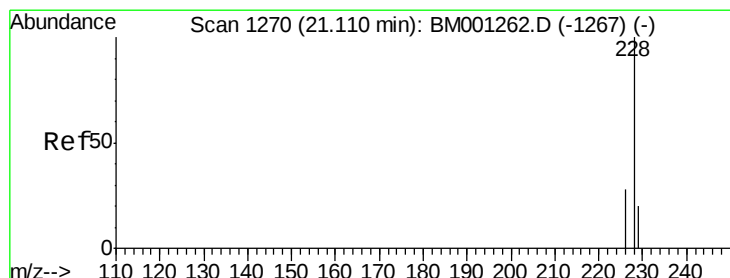
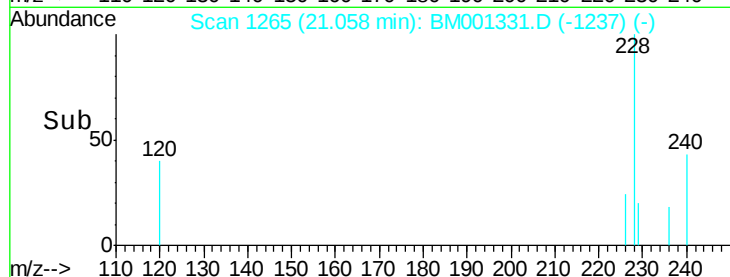
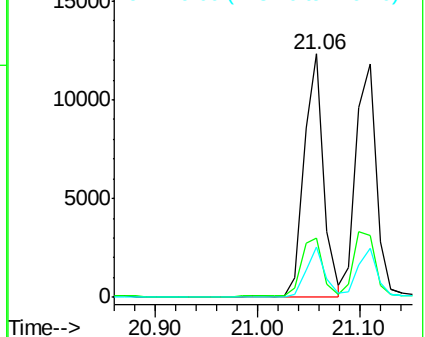
228 100

226 24.6 20.5 30.7

229 20.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 0.95 ng

RT: 21.11 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

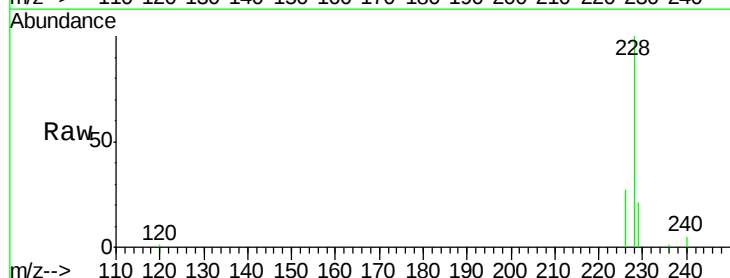
Tgt Ion:228 Resp: 16721

Ion Ratio Lower Upper

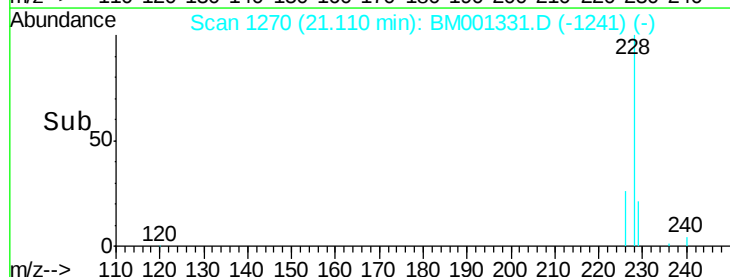
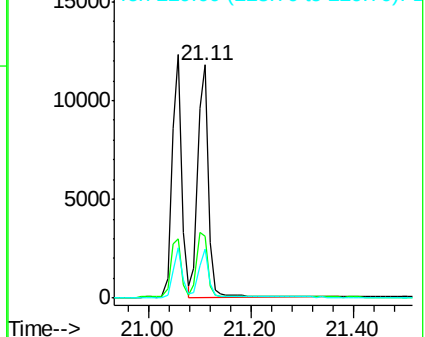
228 100

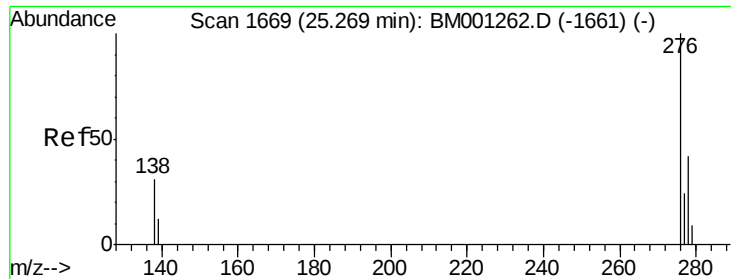
226 26.7 22.2 33.2

229 21.2 16.5 24.7



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

Indeno(1,2,3-cd)pyrene

Concen: 0.81 ng

RT: 25.27 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

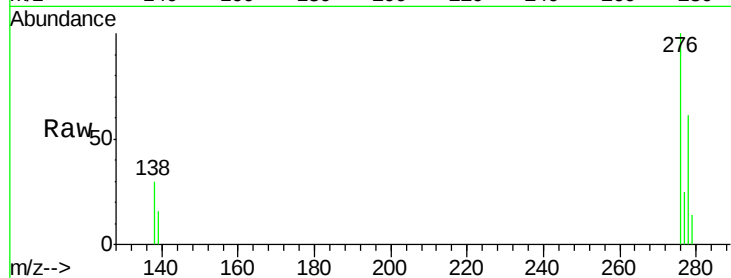
Tgt Ion:276 Resp: 14593

Ion Ratio Lower Upper

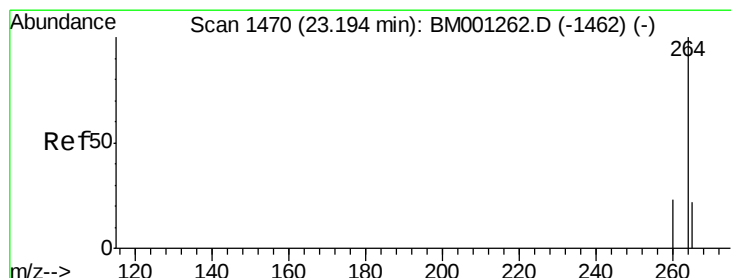
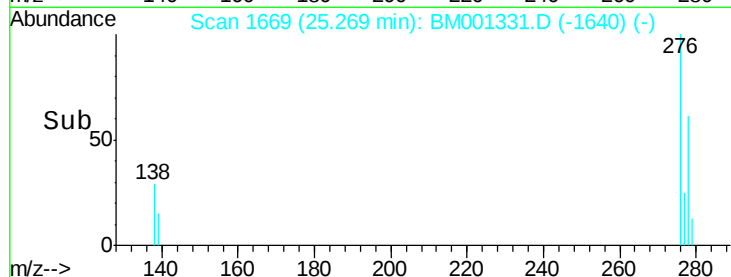
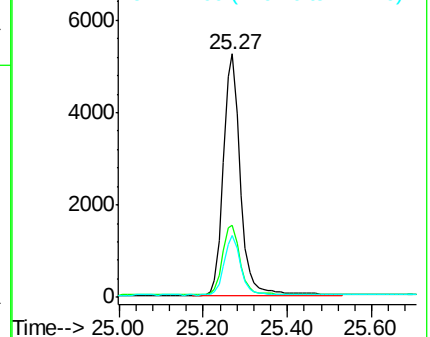
276 100

138 30.5 24.9 37.3

277 24.6 19.5 29.3



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

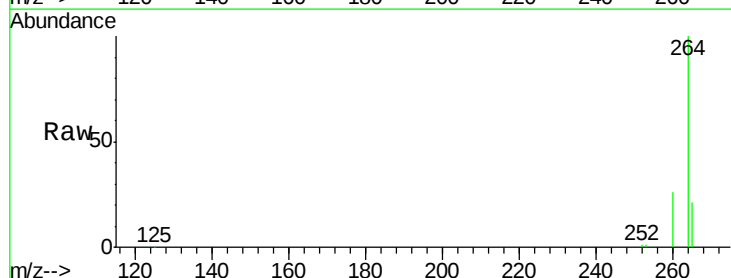
Tgt Ion:264 Resp: 52912

Ion Ratio Lower Upper

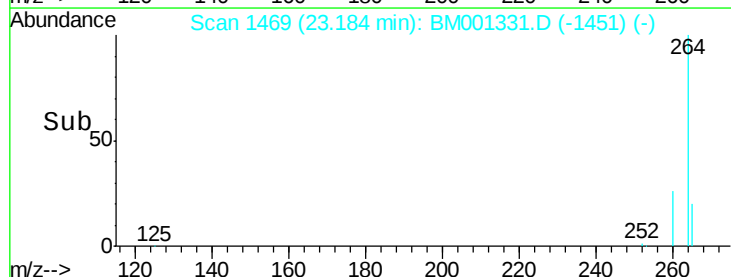
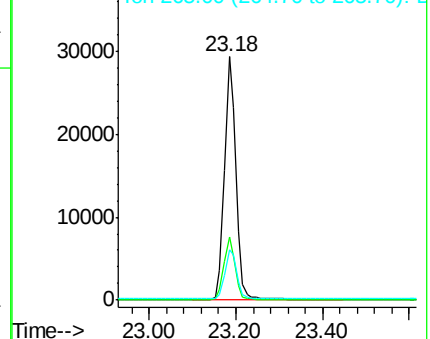
264 100

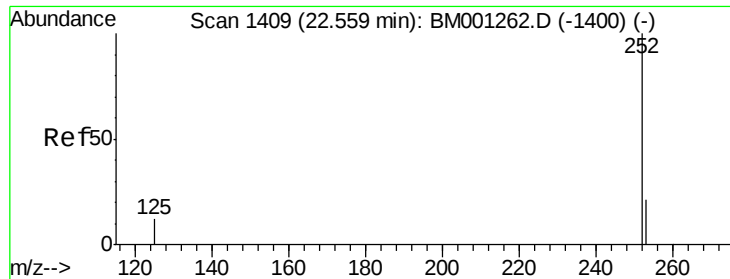
260 26.1 18.9 28.3

265 20.9 18.1 27.1



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





#31

Benzo(b)fluoranthene

Concen: 1.00 ng

RT: 22.56 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

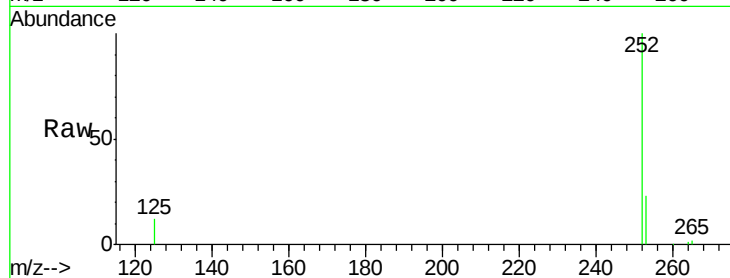
Tgt Ion:252 Resp: 15556

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

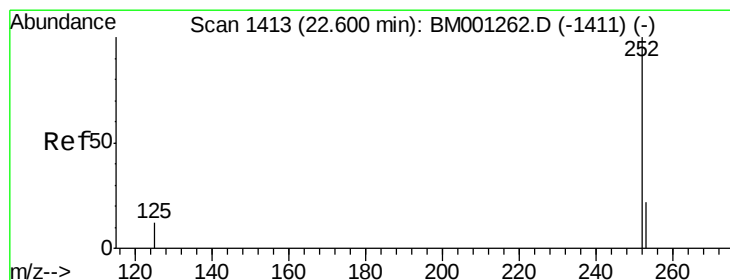
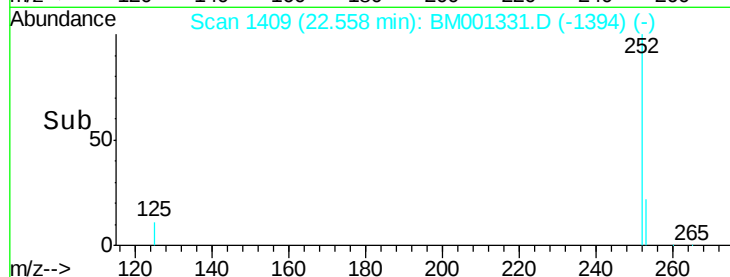
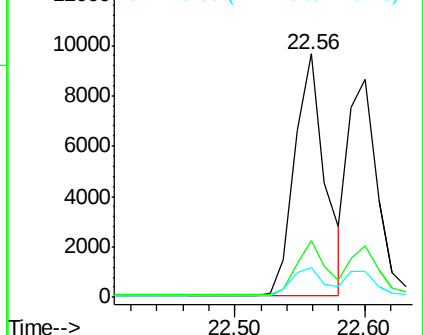
125 12.1 10.4 15.6



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



#32

Benzo(k)fluoranthene

Concen: 0.93 ng

RT: 22.60 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

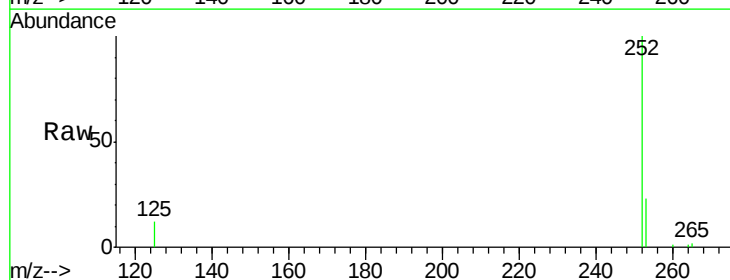
Tgt Ion:252 Resp: 13772

Ion Ratio Lower Upper

252 100

253 23.5 18.6 27.8

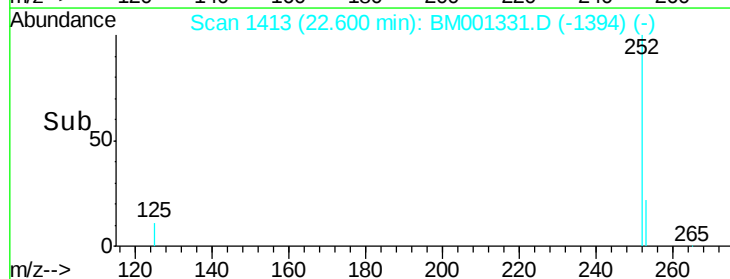
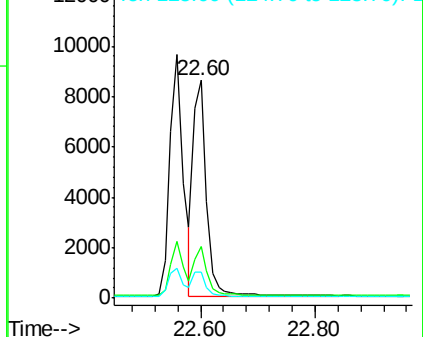
125 11.7 10.2 15.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(a)pyrene

Concen: 0.94 ng

RT: 23.09 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

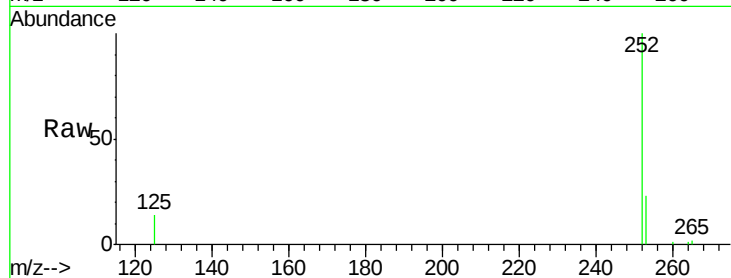
Tgt Ion:252 Resp: 12610

Ion Ratio Lower Upper

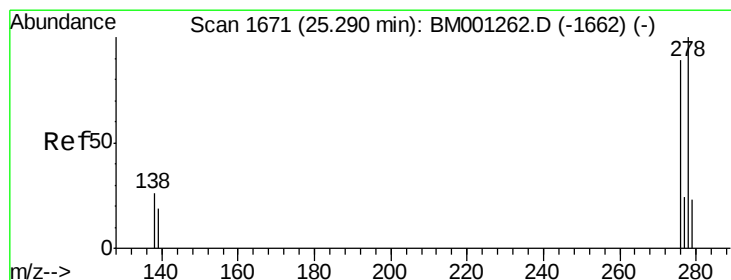
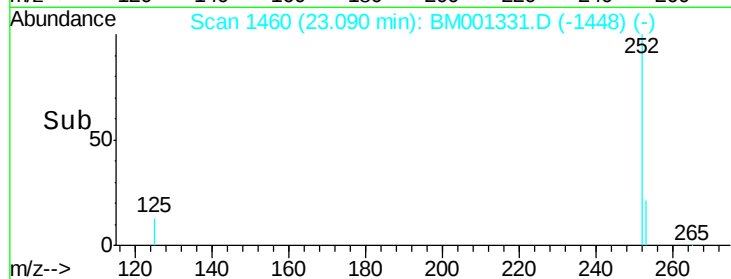
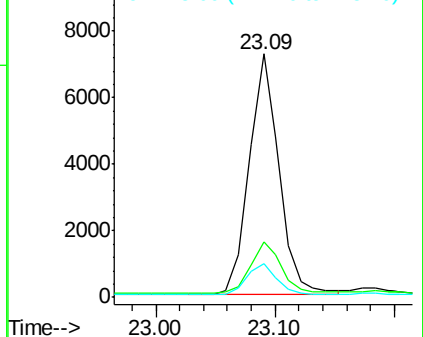
252 100

253 22.6 18.3 27.5

125 13.8 12.2 18.2



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

Dibenzo(a,h)anthracene

Concen: 0.88 ng

RT: 25.28 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BM001331.D

Acq: 18 May 2015 15:19

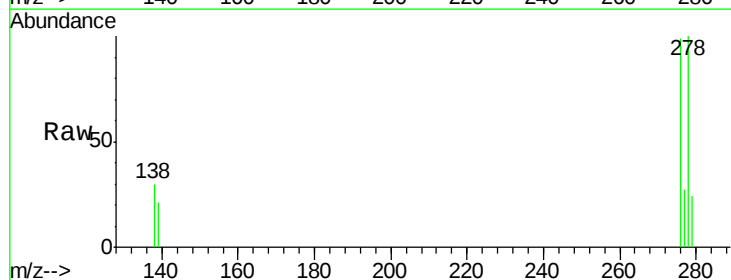
Tgt Ion:278 Resp: 11089

Ion Ratio Lower Upper

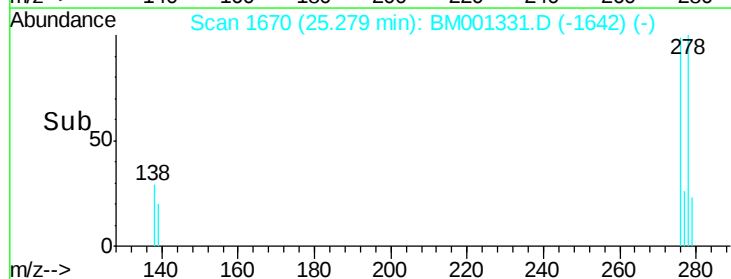
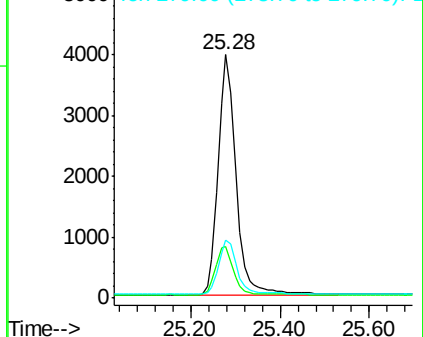
278 100

139 21.1 16.6 24.8

279 24.0 20.0 30.0



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





#35

Benzo(g,h,i)perylene

Concen: 0.89 ng

RT: 25.90 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BM001331.D

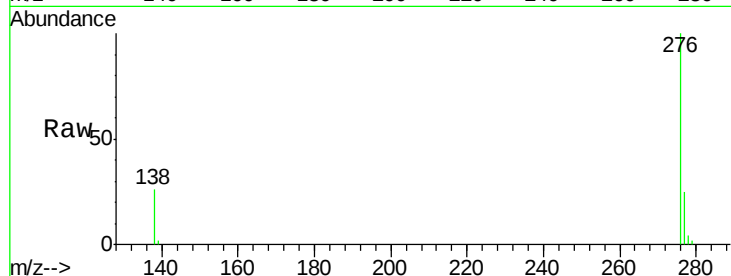
Acq: 18 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001



Tgt Ion: 276 Resp: 12291

Ion Ratio Lower Upper

276 100

277 24.7 19.9 29.9

138 25.8 21.0 31.4

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

