

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050115\
 Data File : BM001172.D
 Acq On : 02 May 2015 17:37
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: May 04 01:40:55 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 02 02:22:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16147	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	63092	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	35732	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	89952	5.00	ng	0.00
24) Chrysene-d12	21.15	240	78541	5.00	ng	0.00
30) Perylene-d12	23.29	264	64866	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.11	112	3208	1.02	ng/uL	-0.01
5) Phenol-d6	6.71	99	3953	1.02	ng/uL	0.00
7) Nitrobenzene-d5	8.69	82	3540	0.99	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	2094	1.33	ng/uL	0.00
14) 2-Fluorobiphenyl	12.81	172	12143	1.03	ng	0.00
26) Terphenyl-d14	19.59	244	11014	1.02	ng	0.00

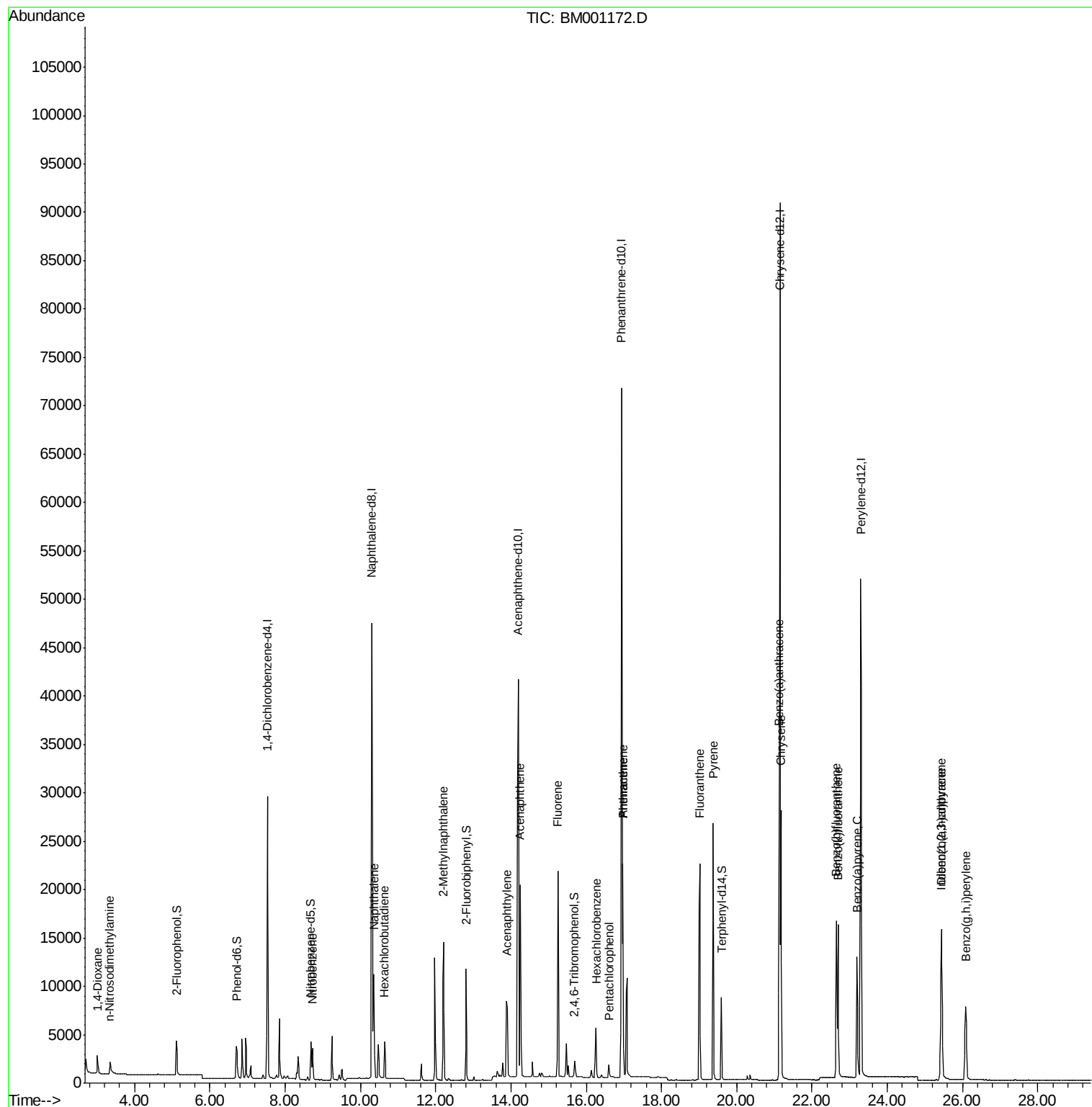
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1899	1.04	ng	97
3) n-Nitrosodimethylamine	3.34	42	1831	0.93	ng	95
8) Nitrobenzene	8.73	77	3745	0.93	ng/uL	97
9) Naphthalene	10.36	128	14053	1.01	ng	100
10) Hexachlorobutadiene	10.65	225	2689	1.01	ng/uL	99
11) 2-Methylnaphthalene	12.21	142	9943	1.04	ng	90
15) Acenaphthylene	13.89	152	16143	1.03	ng	# 67
16) Acenaphthene	14.24	154	11149	1.03	ng	98
17) Fluorene	15.24	166	13811	1.10	ng	99
19) Hexachlorobenzene	16.26	284	4737	0.98	ng	# 99
20) Pentachlorophenol	16.61	266	1108	0.87	ng	100
21) Phenanthrene	16.98	178	23574	1.02	ng	99
22) Anthracene	16.98	178	23574	1.23	ng	99
23) Fluoranthene	19.01	202	23811	1.02	ng	99
25) Pyrene	19.38	202	24938	1.02	ng	100
27) Benzo(a)anthracene	21.13	228	22374	1.01	ng	97
28) Chrysene	21.18	228	21986	1.01	ng	98
29) Indeno(1,2,3-cd)pyrene	25.43	276	18360	0.93	ng	100
31) Benzo(b)fluoranthene	22.65	252	19643	0.98	ng	95
32) Benzo(k)fluoranthene	22.69	252	20182	1.08	ng	95
33) Benzo(a)pyrene	23.20	252	17059	1.01	ng	99
34) Dibenzo(a,h)anthracene	25.44	278	14228	0.96	ng	97
35) Benzo(g,h,i)perylene	26.09	276	14835	0.95	ng	99

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

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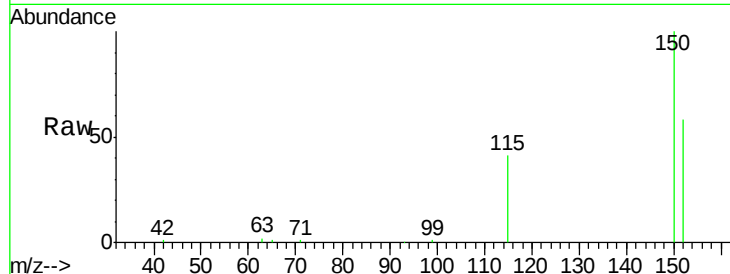




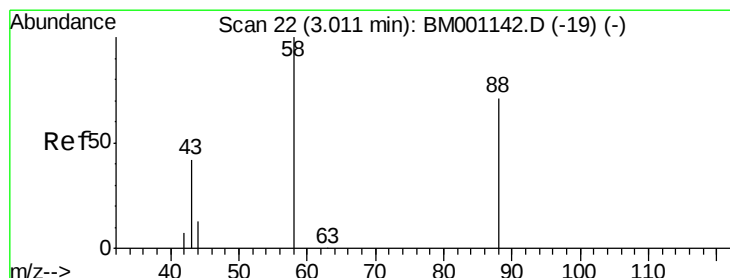
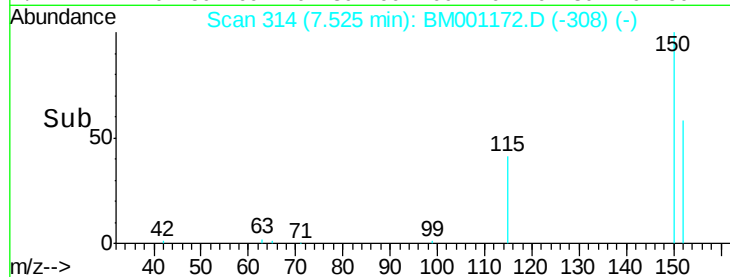
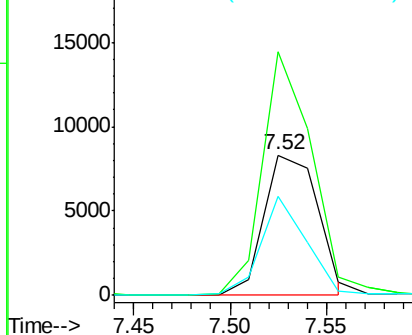
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.52 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: BM001172.D
 Acq: 02 May 2015 17:37

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 152 Resp: 16147
 Ion Ratio Lower Upper
 152 100
 150 173.4 140.1 210.1
 115 70.5 57.8 86.6

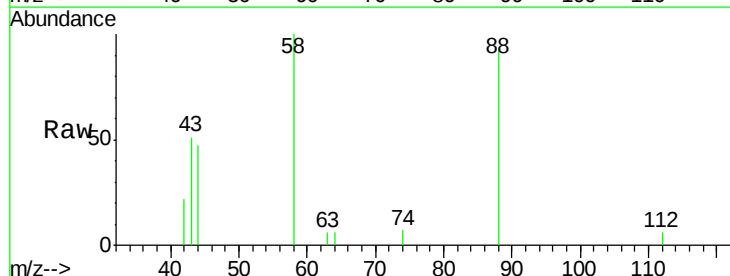


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

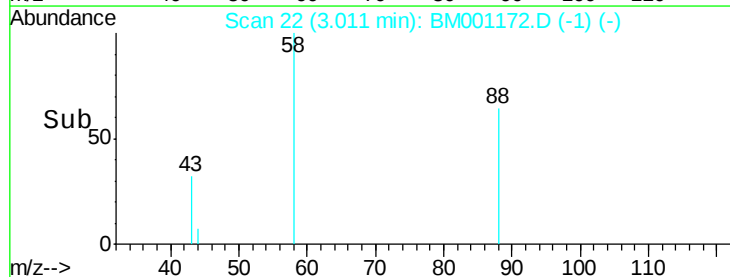
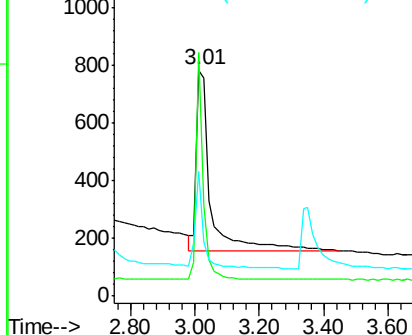


#2
 1,4-Dioxane
 Concen: 1.04 ng
 RT: 3.01 min Scan# 22
 Delta R.T. 0.00 min
 Lab File: BM001172.D
 Acq: 02 May 2015 17:37

Tgt Ion: 88 Resp: 1899
 Ion Ratio Lower Upper
 88 100
 58 61.3 48.2 72.2
 43 33.8 24.8 37.2



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: 0.93 ng

RT: 3.34 min Scan# 43

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

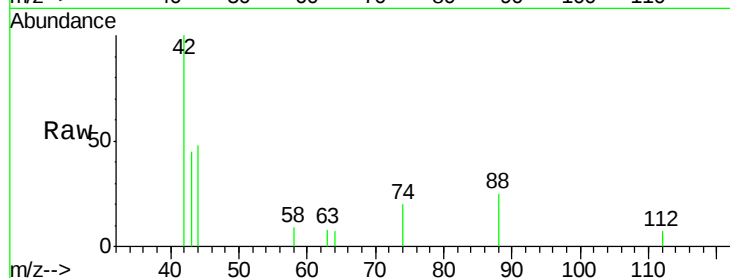
Tgt Ion: 42 Resp: 1831

Ion Ratio Lower Upper

42 100

74 95.3 72.0 108.0

44 4.9 3.7 5.5



Abundance Ion 42.00 (41.70 to 42.70): BM001172.D (-11) (-)

Ion 74.00 (73.70 to 74.70): BM001172.D (-11) (-)

Ion 44.00 (43.70 to 44.70): BM001172.D (-11) (-)

3.34

600

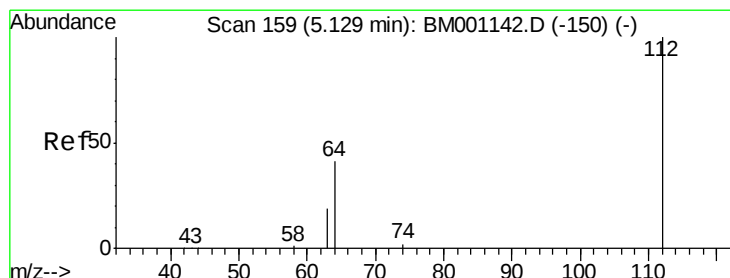
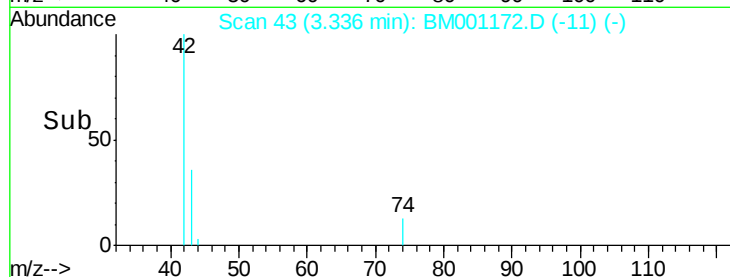
400

200

0

3.20 3.40 3.60

Time-->



#4

2-Fluorophenol

Concen: 1.02 ng/uL

RT: 5.11 min Scan# 158

Delta R.T. -0.01 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

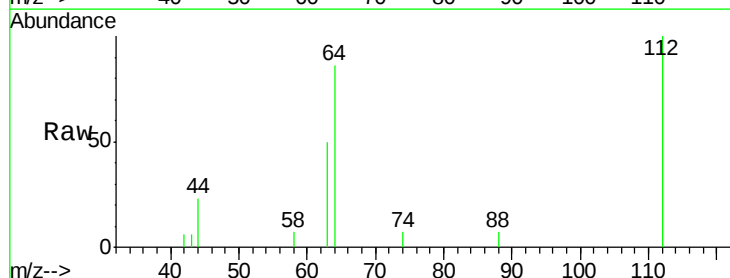
Tgt Ion: 112 Resp: 3208

Ion Ratio Lower Upper

112 100

64 65.1 52.6 79.0

63 35.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BM001172.D (-127) (-)

Ion 64.00 (63.70 to 64.70): BM001172.D (-127) (-)

Ion 63.00 (62.70 to 63.70): BM001172.D (-127) (-)

5.11

2000

1500

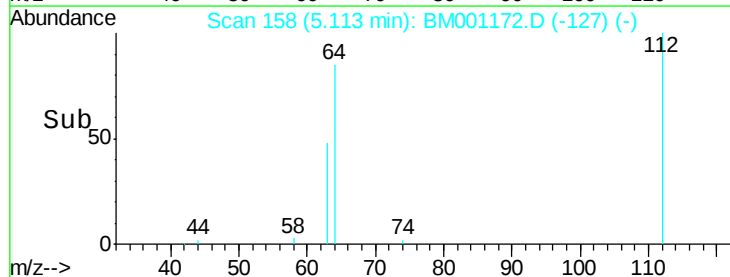
1000

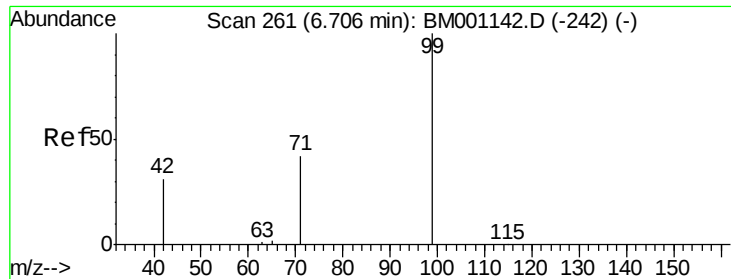
500

0

4.80 5.00 5.20 5.40 5.60

Time-->





#5

Phenol-d6

Concen: 1.02 ng/uL

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

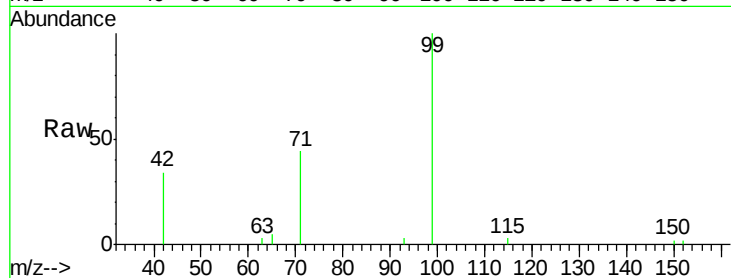
Tgt Ion: 99 Resp: 3953

Ion Ratio Lower Upper

99 100

42 25.3 20.9 31.3

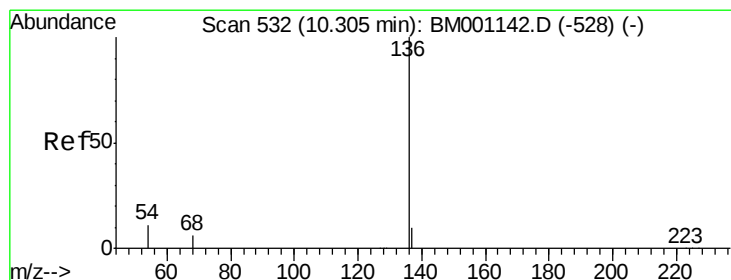
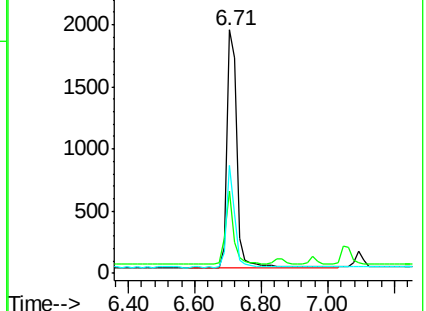
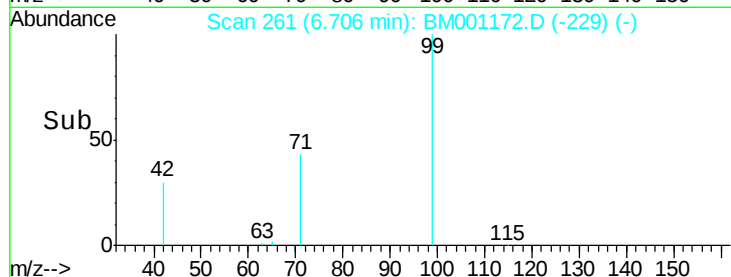
71 35.2 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001172.D (-229) (-)

Ion 42.00 (41.70 to 42.70): BM001172.D (-229) (-)

Ion 71.00 (70.70 to 71.70): BM001172.D (-229) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

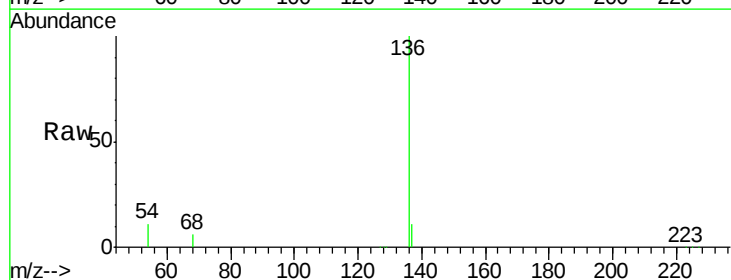
Tgt Ion: 136 Resp: 63092

Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

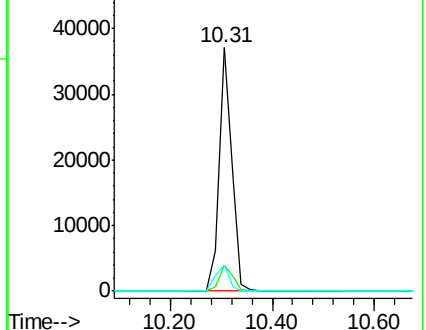
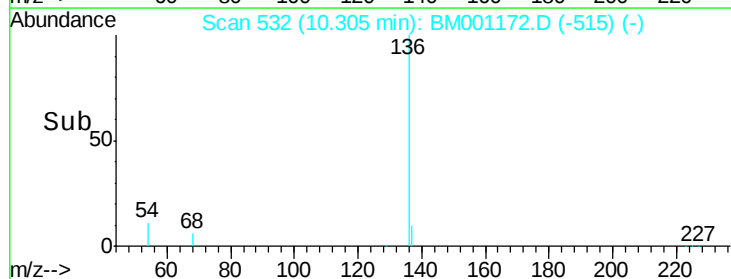
54 10.7 9.0 13.4

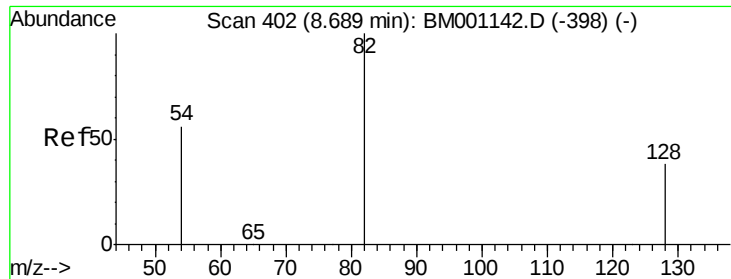


Abundance Ion 136.00 (135.70 to 136.70): BM001172.D (-515) (-)

Ion 137.00 (136.70 to 137.70): BM001172.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BM001172.D (-515) (-)





#7

Nitrobenzene-d5

Concen: 0.99 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

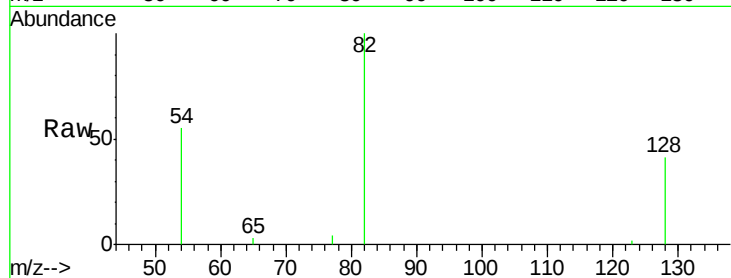
Tgt Ion: 82 Resp: 3540

Ion Ratio Lower Upper

82 100

128 41.4 31.9 47.9

54 55.4 46.2 69.2

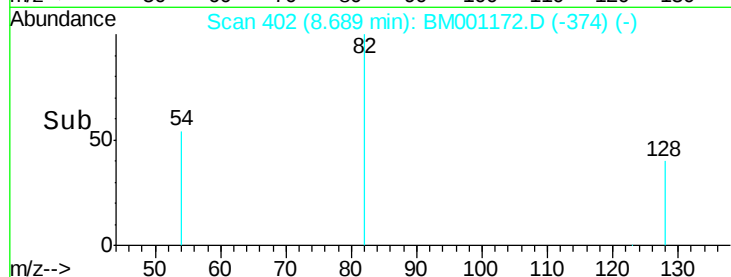


Abundance Ion 82.00 (81.70 to 82.70): BM001172.D (-374) (-)

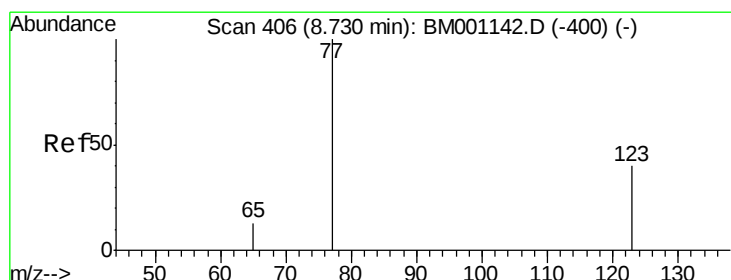
Ion 128.00 (127.70 to 128.70): BM001172.D (-374) (-)

Ion 54.00 (53.70 to 54.70): BM001172.D (-374) (-)

Time-->



Time-->



#8

Nitrobenzene

Concen: 0.93 ng/uL

RT: 8.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

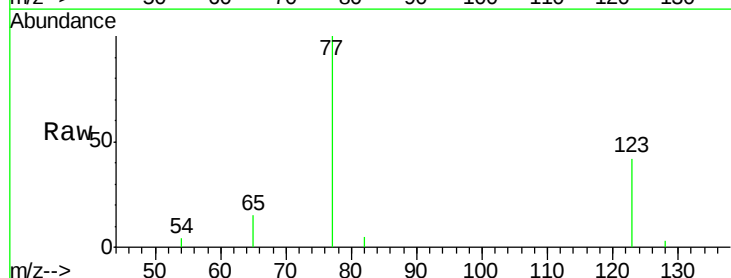
Tgt Ion: 77 Resp: 3745

Ion Ratio Lower Upper

77 100

123 41.4 31.0 46.6

65 13.4 10.6 15.8

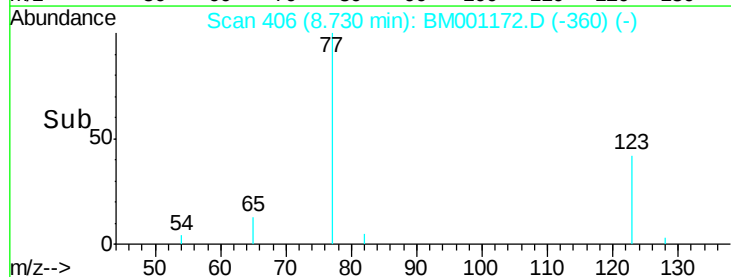


Abundance Ion 77.00 (76.70 to 77.70): BM001172.D (-360) (-)

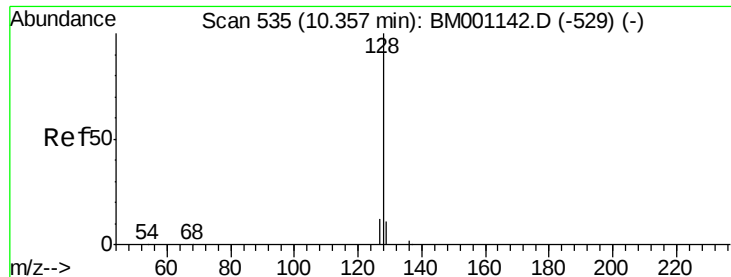
Ion 123.00 (122.70 to 123.70): BM001172.D (-360) (-)

Ion 65.00 (64.70 to 65.70): BM001172.D (-360) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 1.01 ng

RT: 10.36 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

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ClientSampleId :

SSTDCCC001

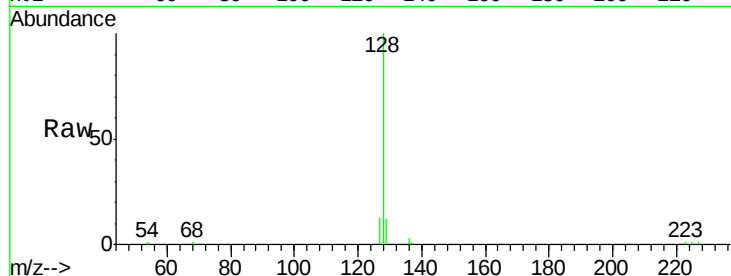
Tgt Ion:128 Resp: 14053

Ion Ratio Lower Upper

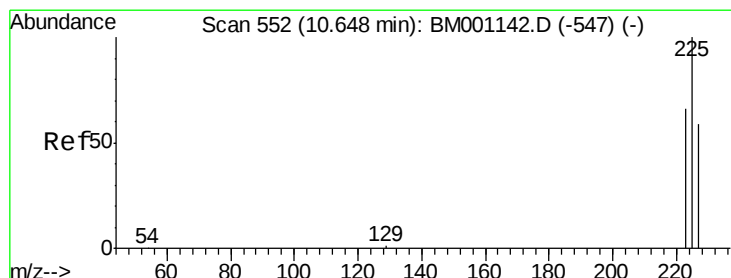
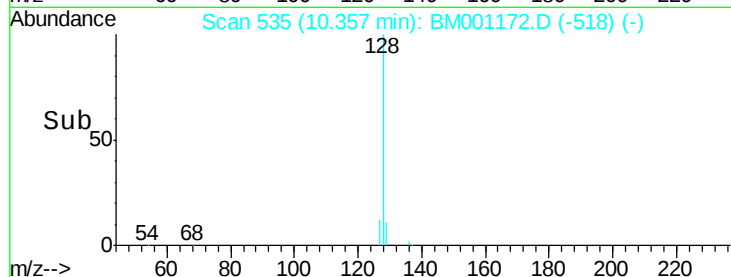
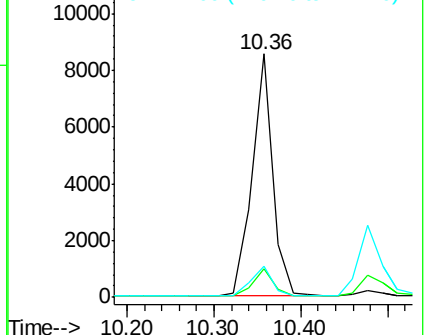
128 100

129 11.5 9.0 13.6

127 12.7 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.01 ng/uL

RT: 10.65 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

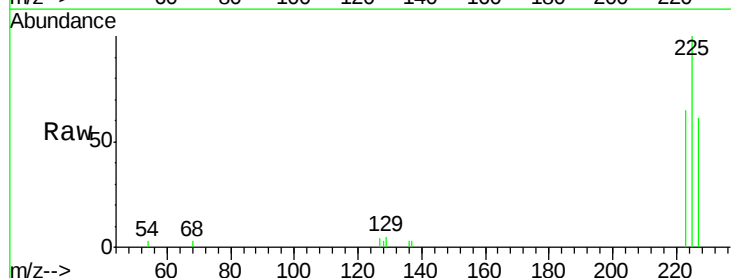
Tgt Ion:225 Resp: 2689

Ion Ratio Lower Upper

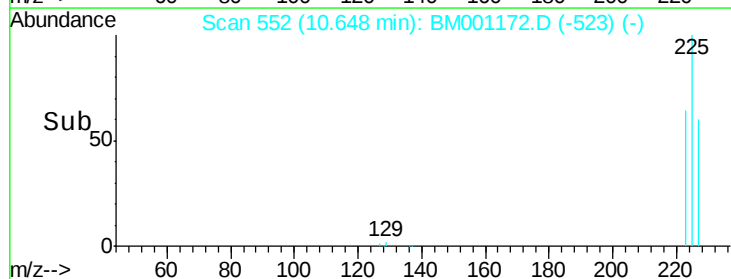
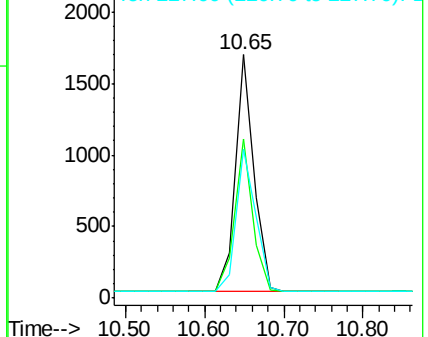
225 100

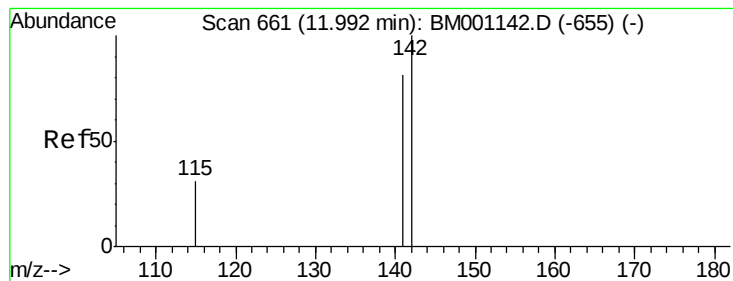
223 62.3 50.8 76.2

227 64.0 51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.04 ng

RT: 12.21 min Scan# 682

Delta R.T. 0.22 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

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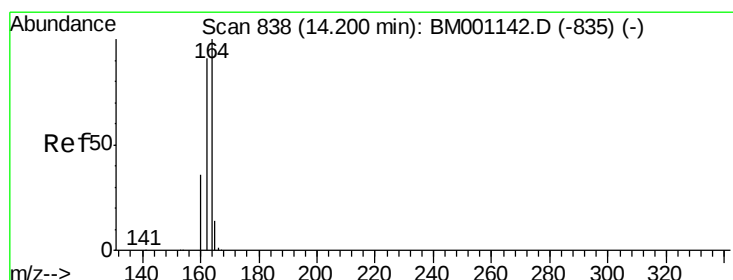
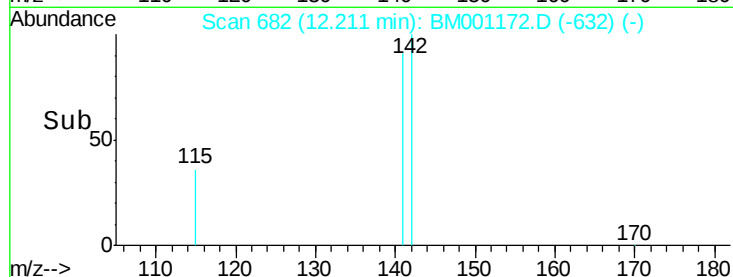
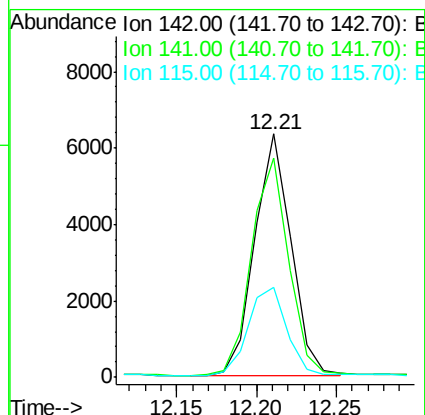
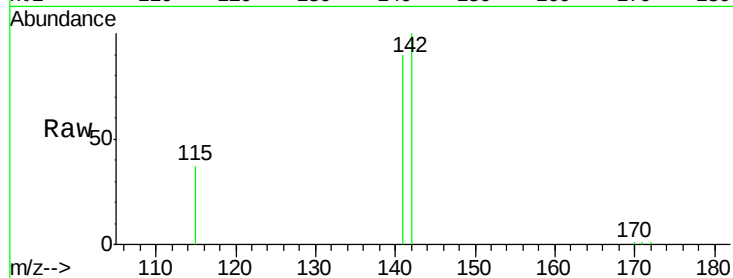
Tgt Ion:142 Resp: 9943

Ion Ratio Lower Upper

142 100

141 90.3 65.1 97.7

115 36.8 25.1 37.7



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

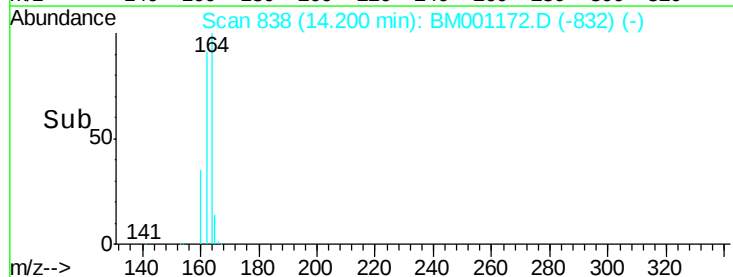
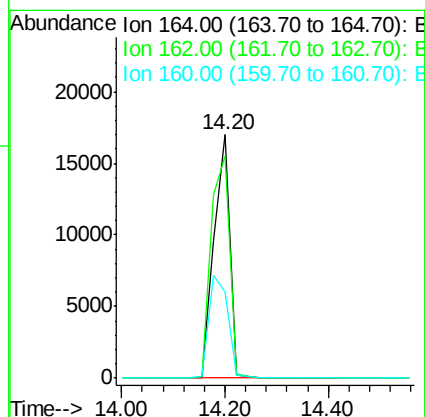
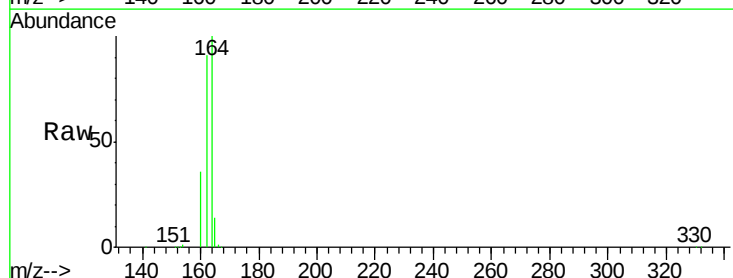
Tgt Ion:164 Resp: 35732

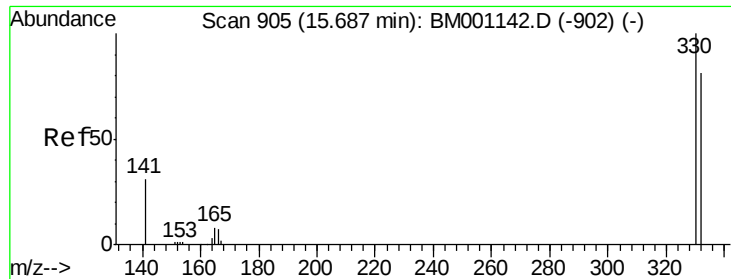
Ion Ratio Lower Upper

164 100

162 91.2 72.7 109.1

160 35.5 28.7 43.1

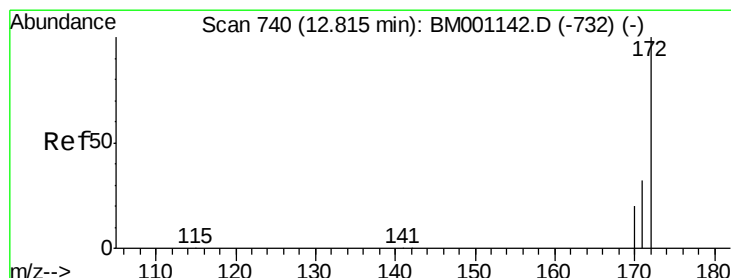
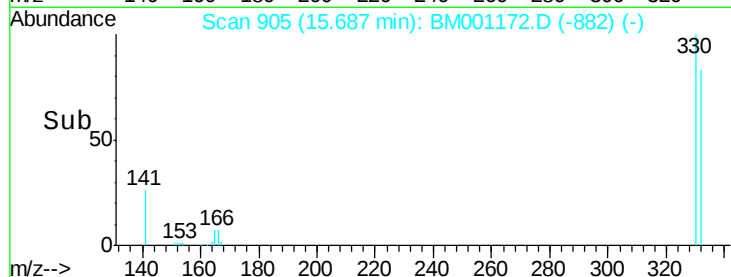
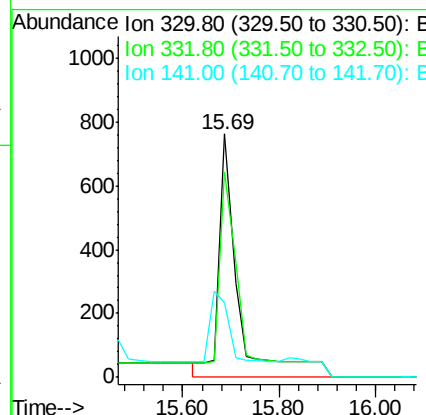
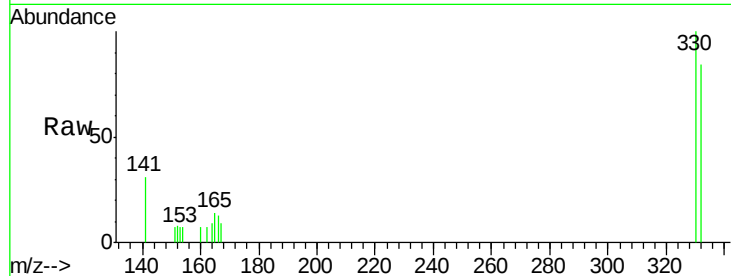




#13
 2,4,6-Tribromophenol
 Concen: 1.33 ng/uL
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001172.D
 Acq: 02 May 2015 17:37

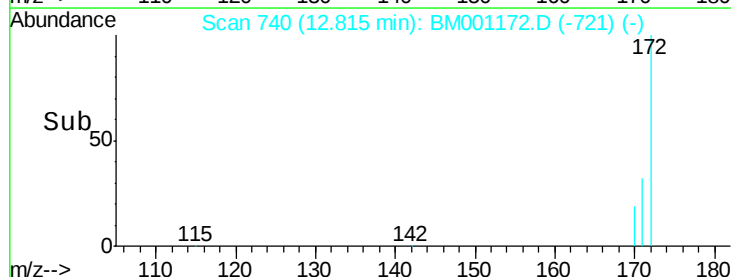
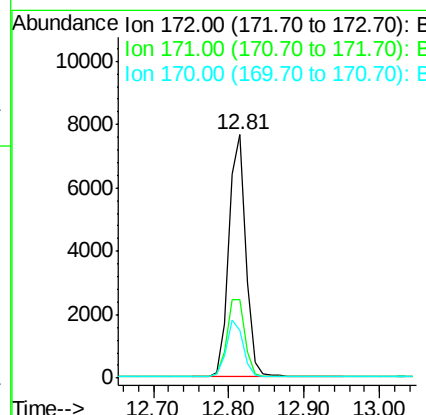
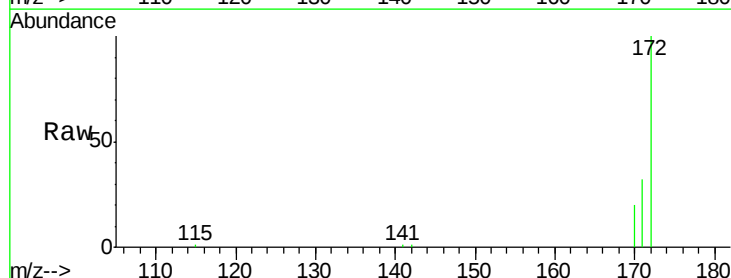
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

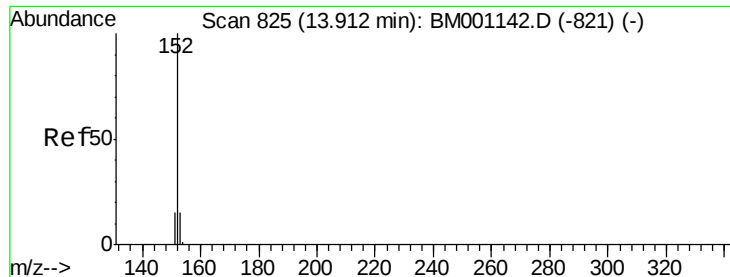
Tgt Ion:330 Resp: 2094
 Ion Ratio Lower Upper
 330 100
 332 92.9 74.5 111.7
 141 0.0 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 1.03 ng
 RT: 12.81 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BM001172.D
 Acq: 02 May 2015 17:37

Tgt Ion:172 Resp: 12143
 Ion Ratio Lower Upper
 172 100
 171 32.2 25.8 38.6
 170 19.5 16.1 24.1





#15

Acenaphthylene

Concen: 1.03 ng

RT: 13.89 min Scan# 824

Delta R.T. -0.02 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

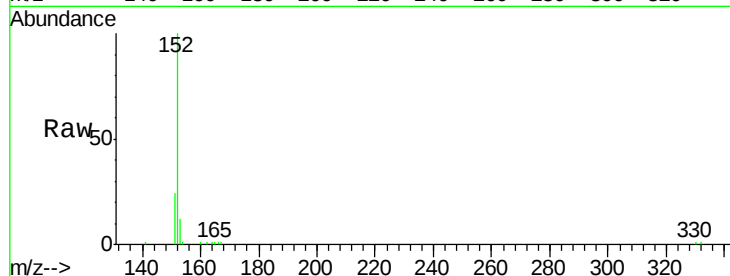
Tgt Ion:152 Resp: 16143

Ion Ratio Lower Upper

152 100

151 19.0 0.0 0.0#

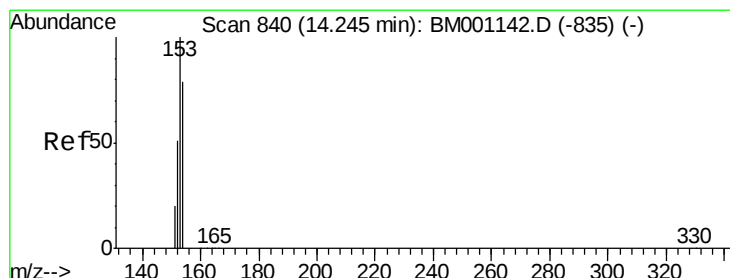
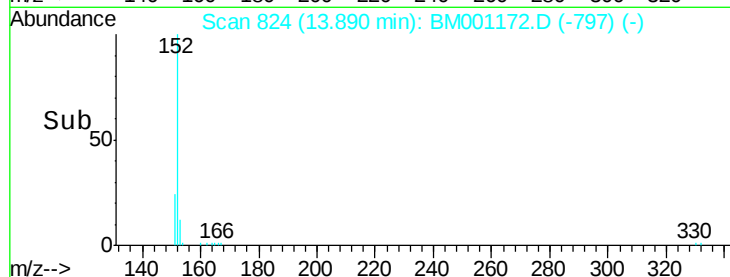
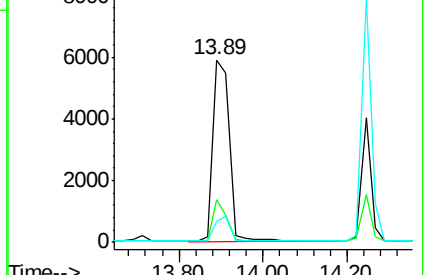
153 0.0 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 1.03 ng

RT: 14.24 min Scan# 840

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

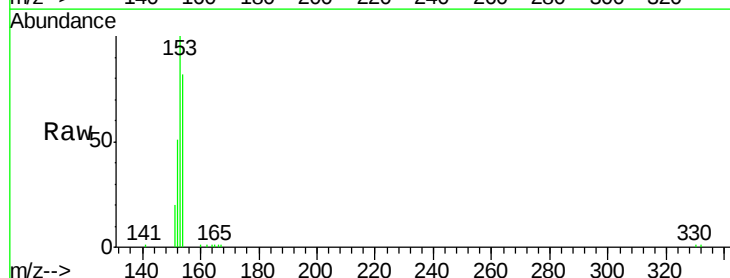
Tgt Ion:154 Resp: 11149

Ion Ratio Lower Upper

154 100

153 111.3 90.6 136.0

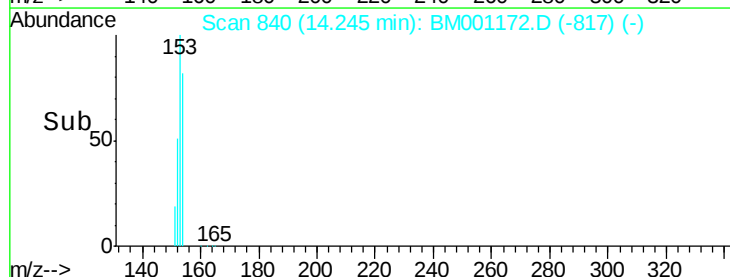
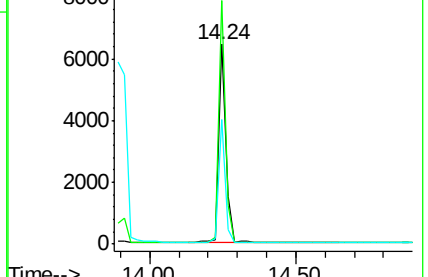
152 55.6 45.0 67.4

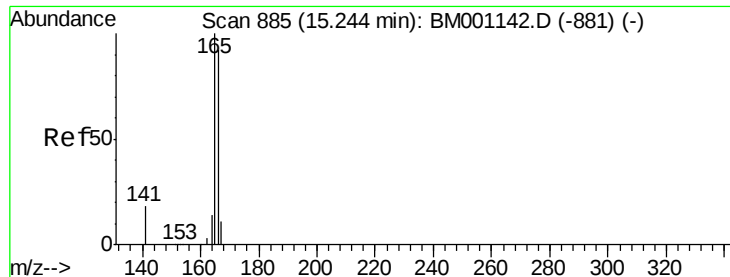


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

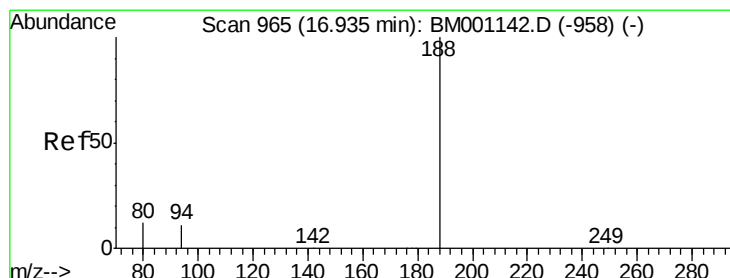
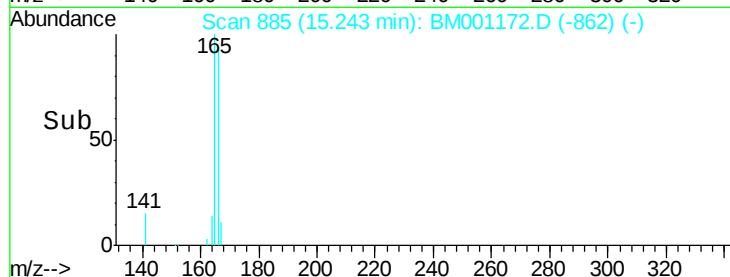
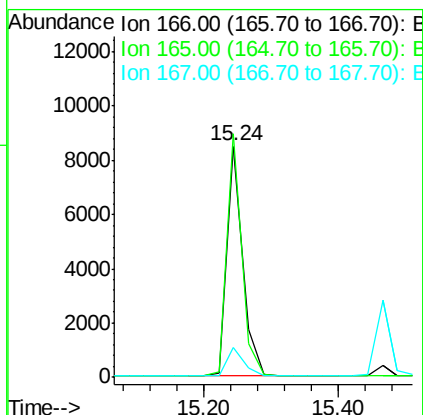
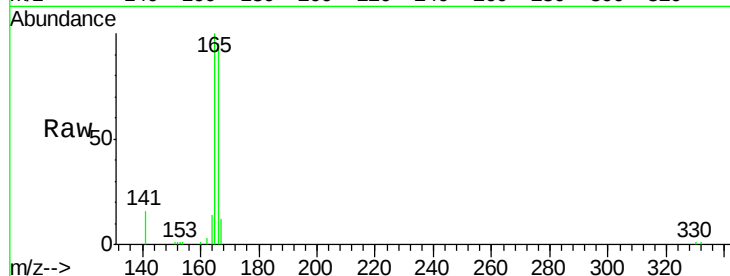




#17
Fluorene
 Concen: 1.10 ng
 RT: 15.24 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BM001172.D
 Acq: 02 May 2015 17:37

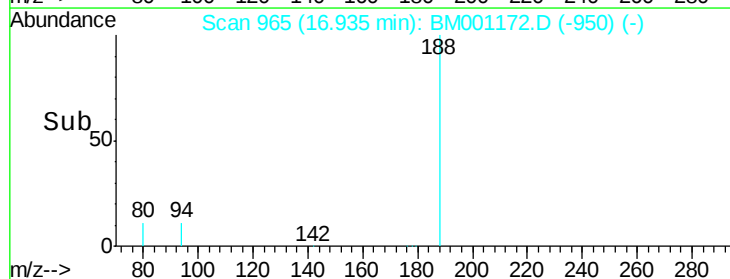
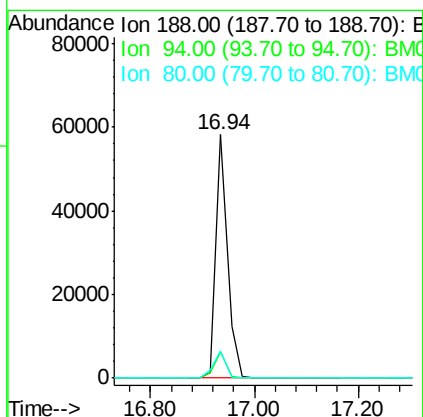
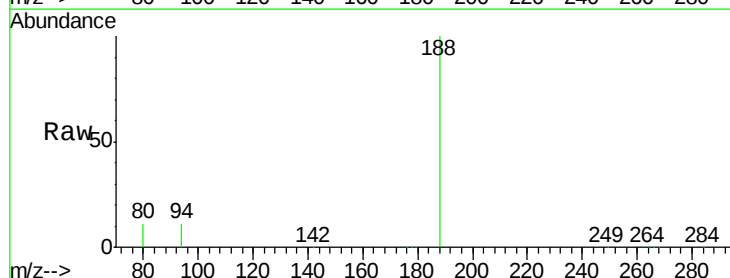
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

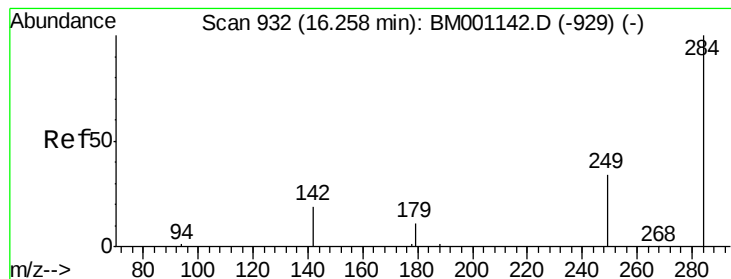
Tgt Ion:166 Resp: 13811
 Ion Ratio Lower Upper
 166 100
 165 100.2 81.0 121.6
 167 13.1 10.4 15.6



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BM001172.D
 Acq: 02 May 2015 17:37

Tgt Ion:188 Resp: 89952
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.3 13.9
 80 11.3 9.8 14.6





#19

Hexachlorobenzene

Concen: 0.98 ng

RT: 16.26 min Scan# 932

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

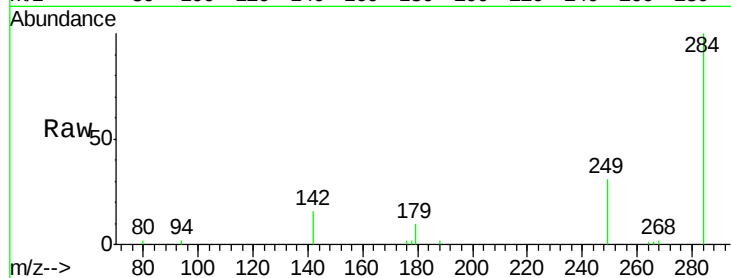
Tgt Ion:284 Resp: 4737

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

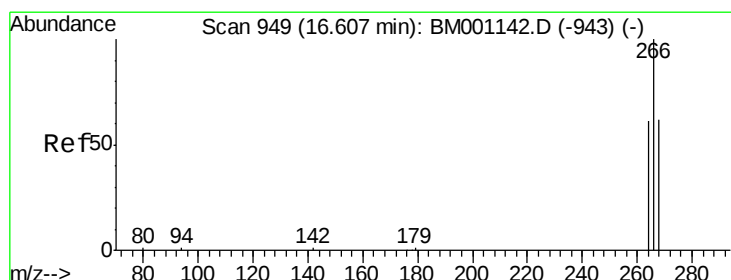
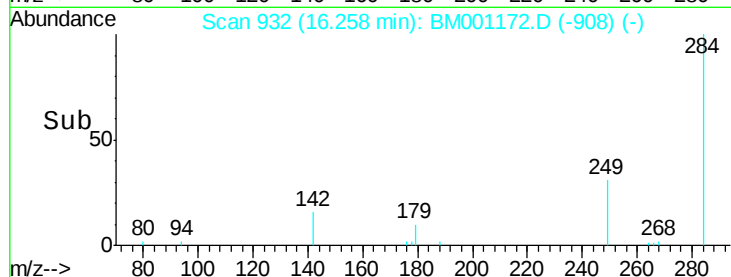
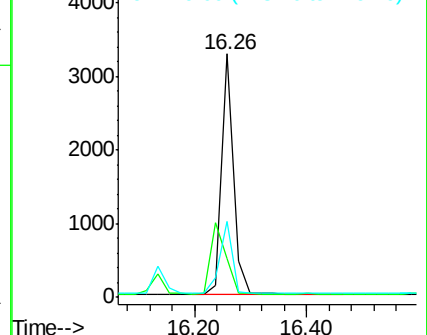
249 33.9 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 0.87 ng

RT: 16.61 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

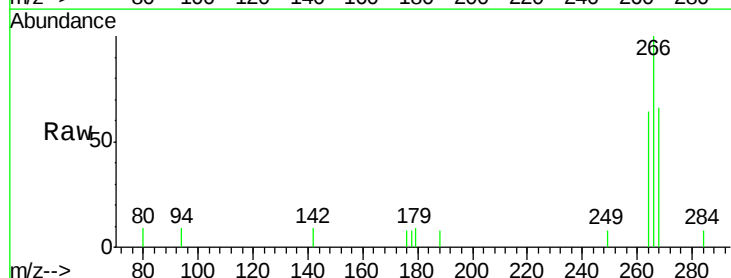
Tgt Ion:266 Resp: 1108

Ion Ratio Lower Upper

266 100

268 66.1 52.6 79.0

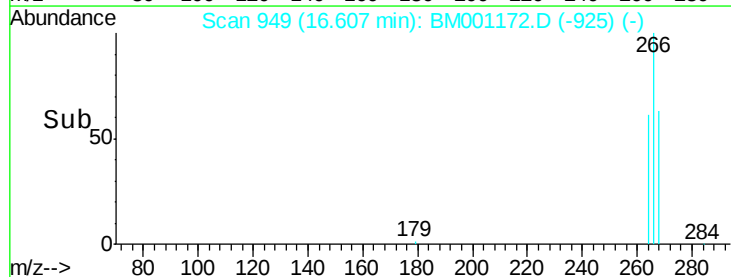
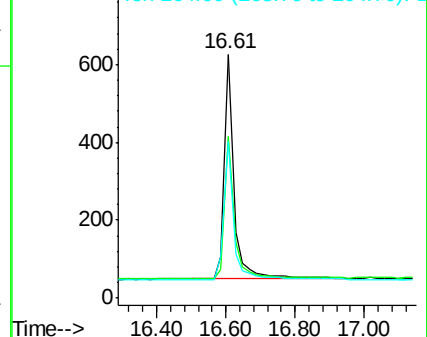
264 64.1 51.0 76.4

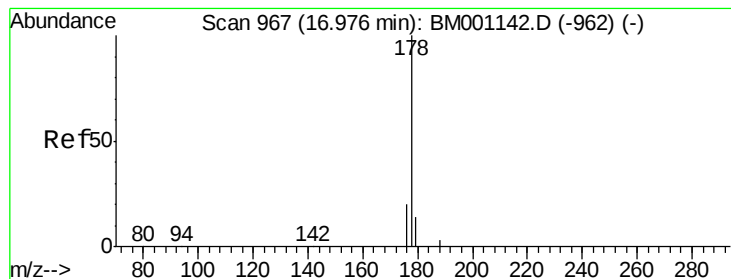


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 1.02 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

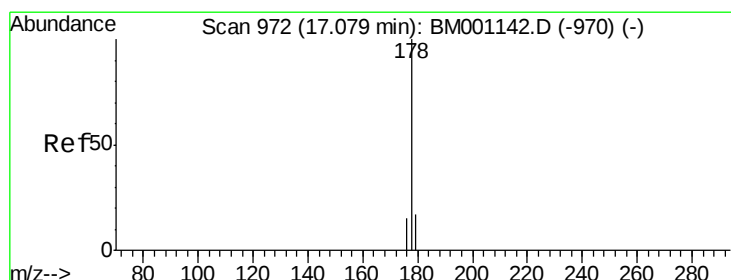
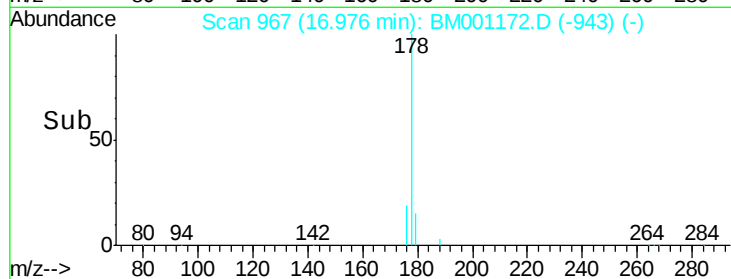
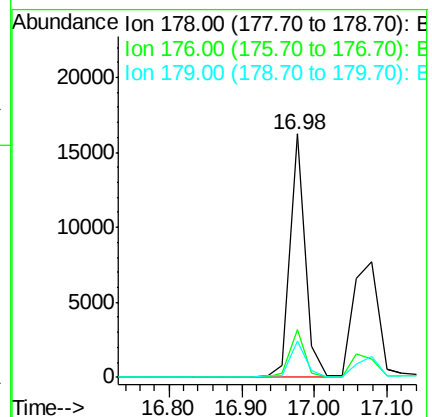
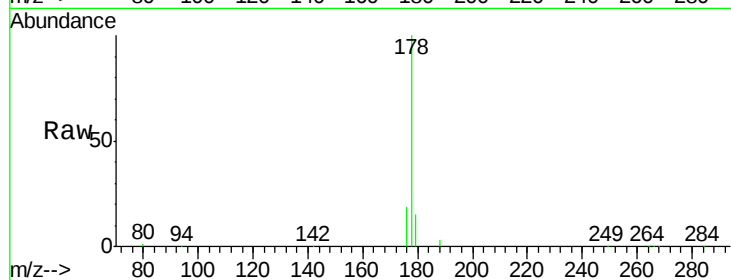
Tgt Ion:178 Resp: 23574

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

179 15.2 12.0 18.0



#22

Anthracene

Concen: 1.23 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.10 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

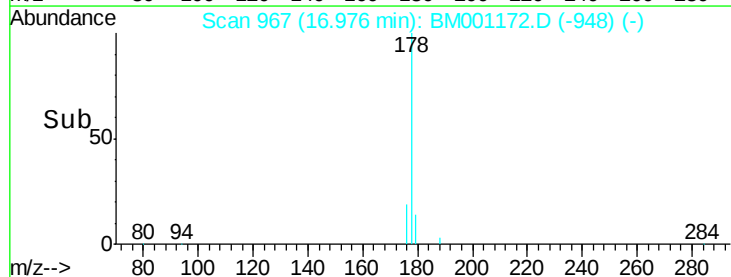
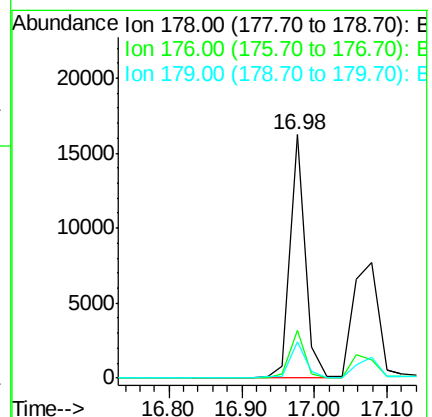
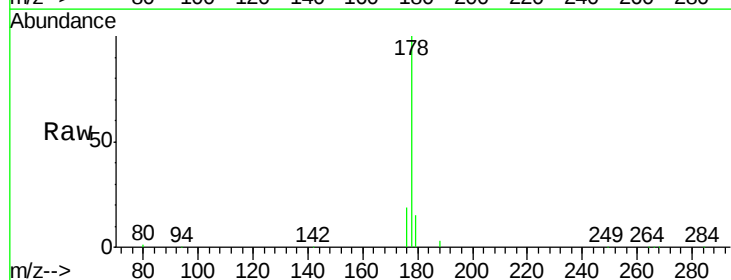
Tgt Ion:178 Resp: 23574

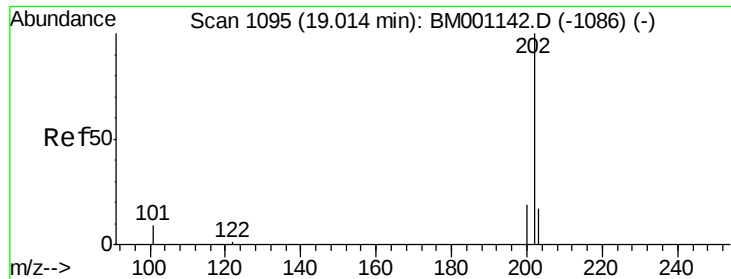
Ion Ratio Lower Upper

178 100

176 18.8 14.3 21.5

179 15.2 12.2 18.2

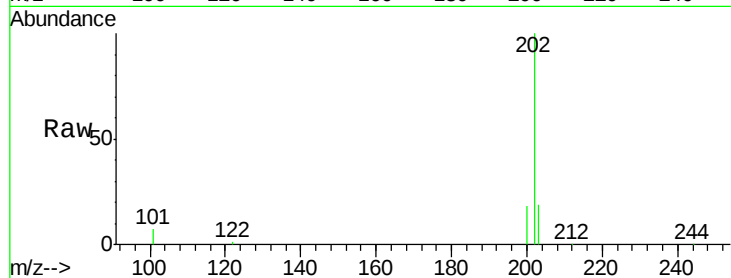




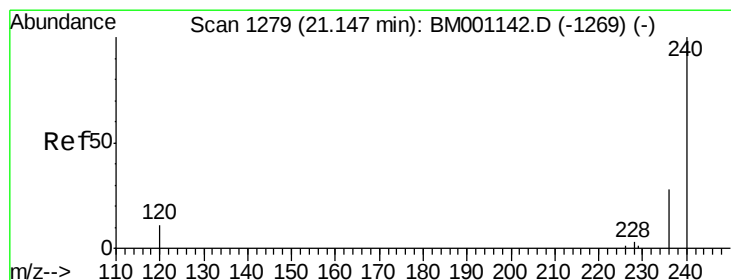
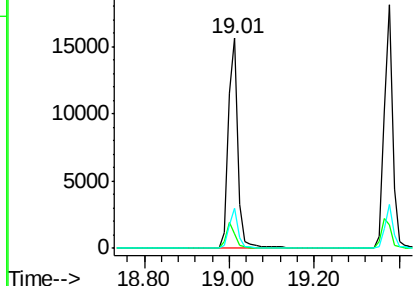
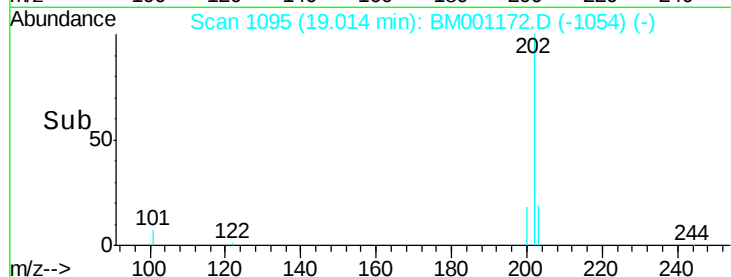
#23
 Fluoranthene
 Concen: 1.02 ng
 RT: 19.01 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BM001172.D
 Acq: 02 May 2015 17:37

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 202 Resp: 23811
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.3 13.9
 203 17.3 13.7 20.5

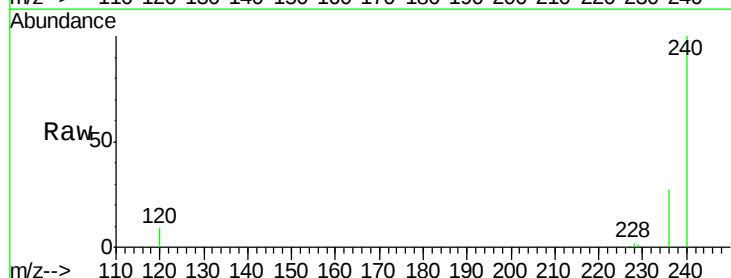


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

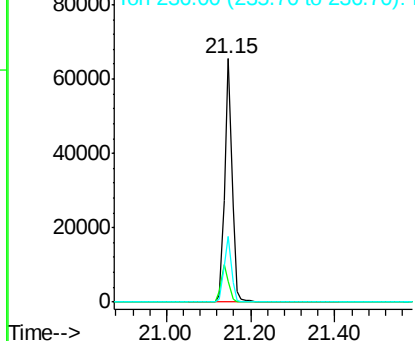
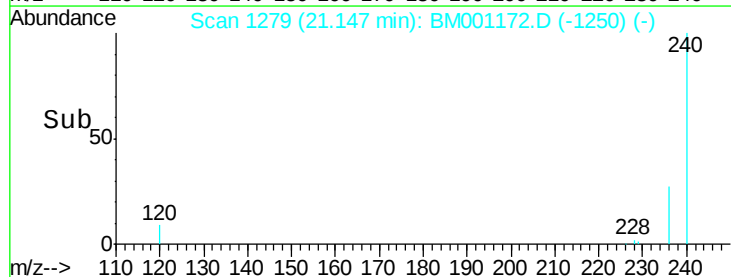


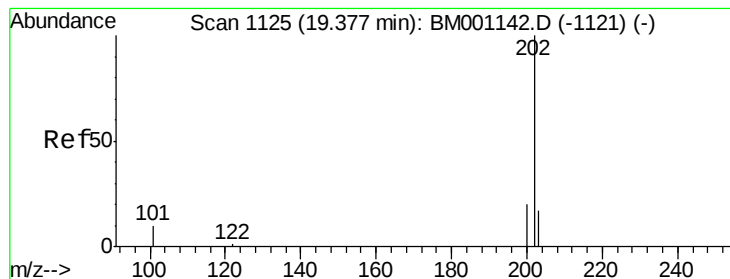
#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.15 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BM001172.D
 Acq: 02 May 2015 17:37

Tgt Ion: 240 Resp: 78541
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.2 13.8#
 236 27.0 22.4 33.6



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: 1.02 ng

RT: 19.38 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

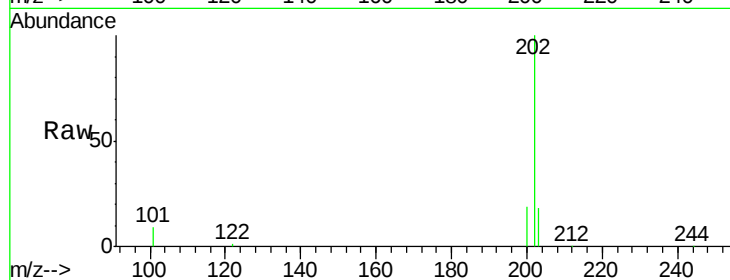
Tgt Ion:202 Resp: 24938

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

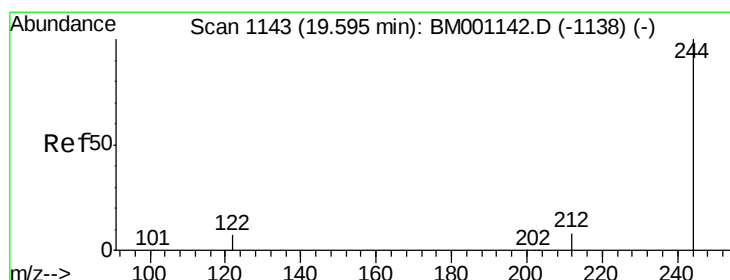
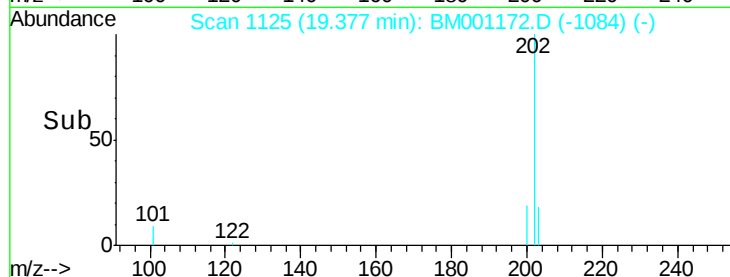
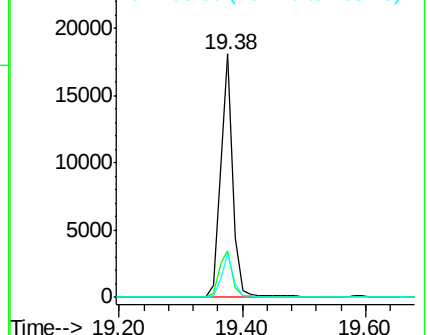
203 17.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 1.02 ng

RT: 19.59 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

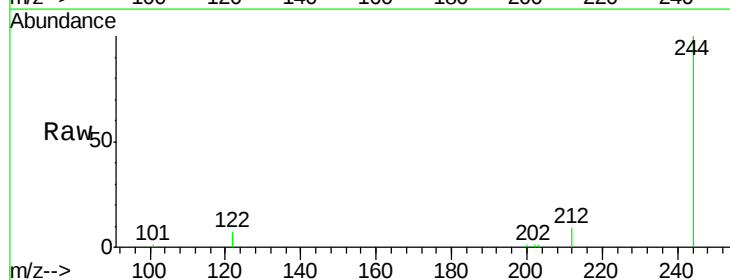
Tgt Ion:244 Resp: 11014

Ion Ratio Lower Upper

244 100

212 8.8 7.1 10.7

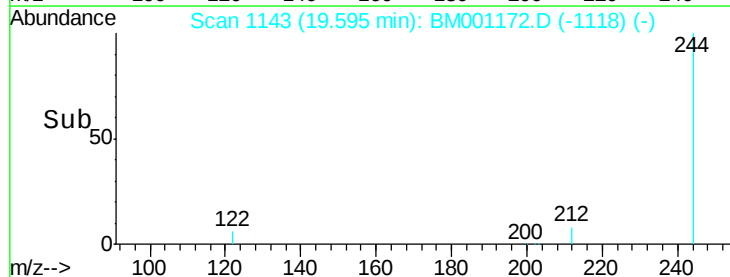
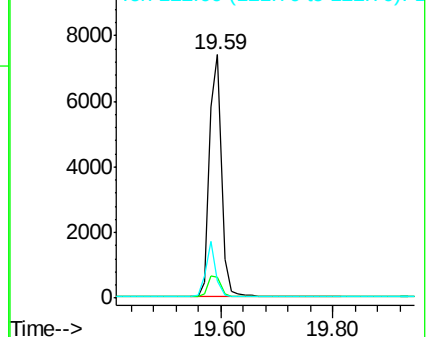
122 6.8 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 1.01 ng

RT: 21.13 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

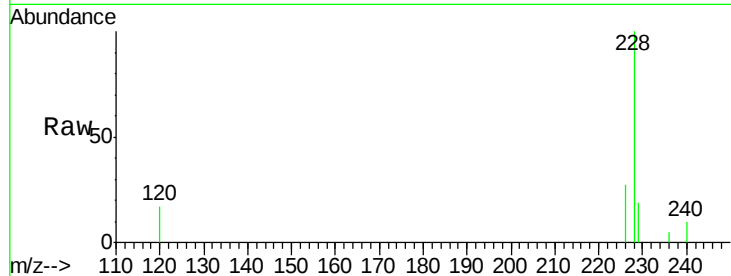
Tgt Ion:228 Resp: 22374

Ion Ratio Lower Upper

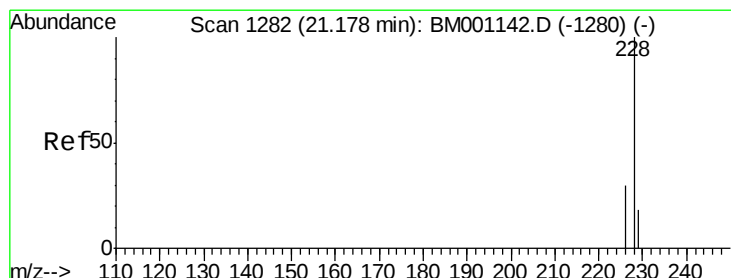
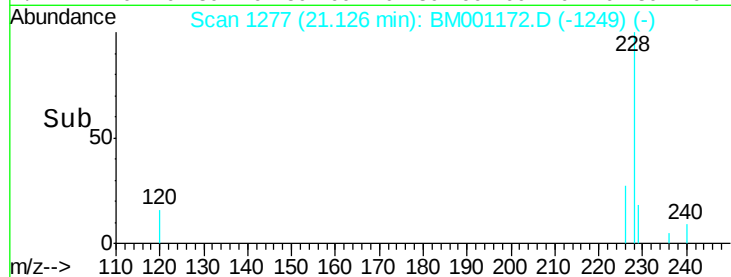
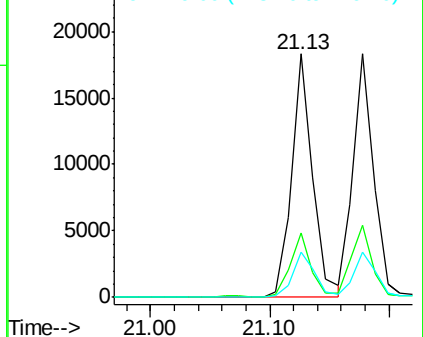
228 100

226 26.7 22.8 34.2

229 18.7 14.4 21.6



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



#28

Chrysene

Concen: 1.01 ng

RT: 21.18 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

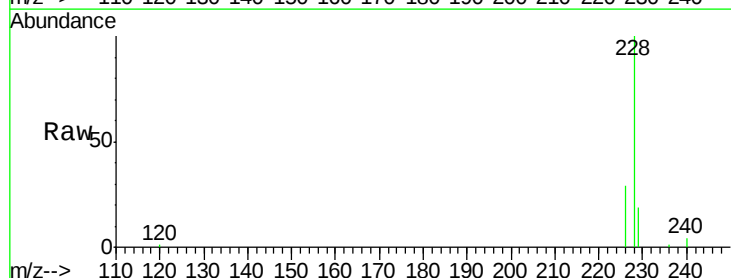
Tgt Ion:228 Resp: 21986

Ion Ratio Lower Upper

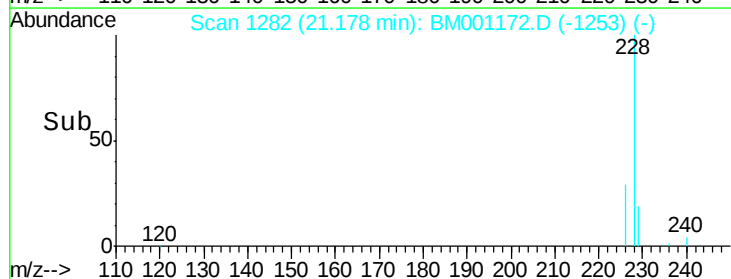
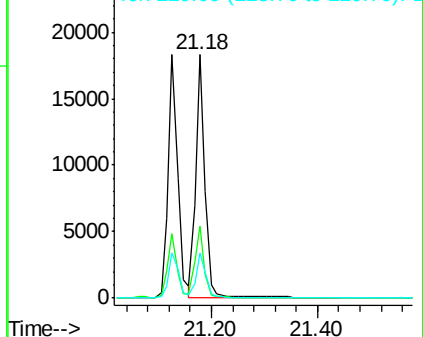
228 100

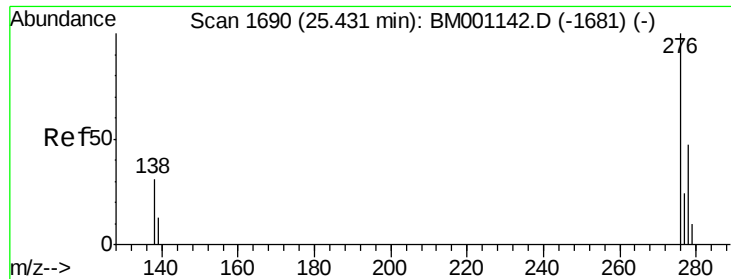
226 29.4 24.4 36.6

229 18.7 14.3 21.5



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





#29

Indeno(1,2,3-cd)pyrene

Concen: 0.93 ng

RT: 25.43 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

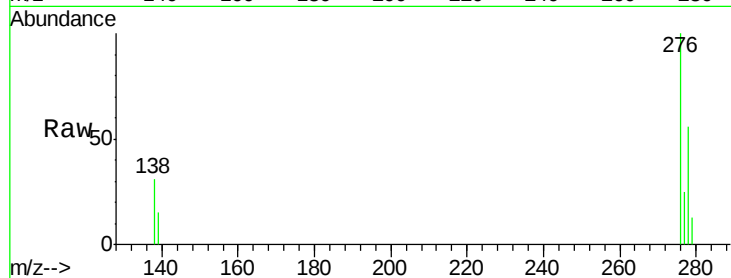
Tgt Ion: 276 Resp: 18360

Ion Ratio Lower Upper

276 100

138 30.6 24.2 36.4

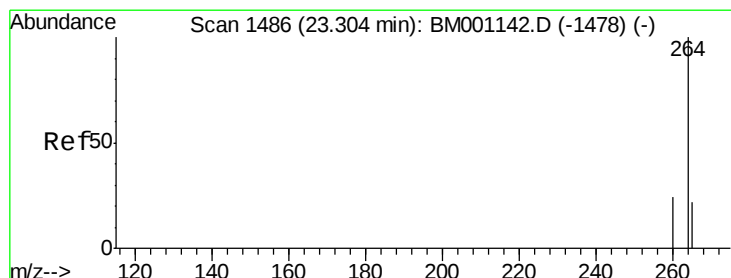
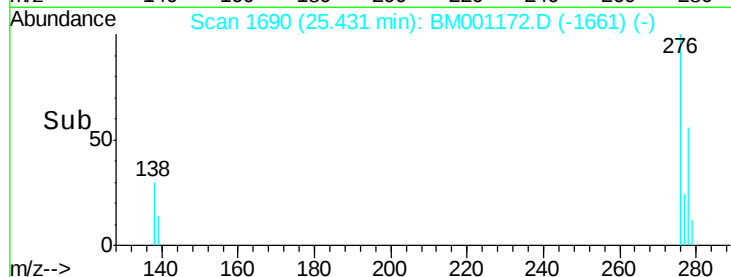
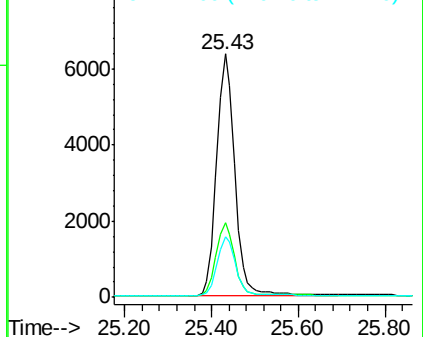
277 24.5 19.8 29.6



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: 23.29 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

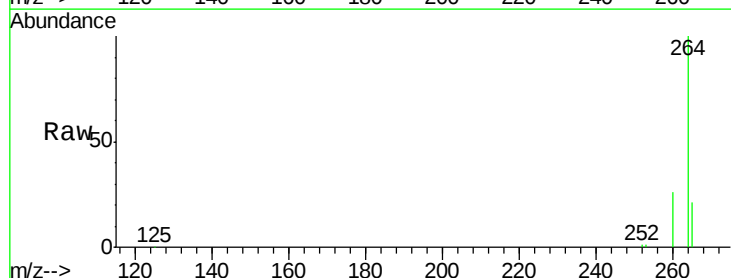
Tgt Ion: 264 Resp: 64866

Ion Ratio Lower Upper

264 100

260 25.7 18.9 28.3

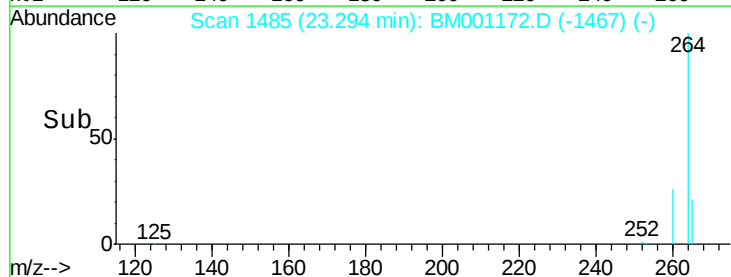
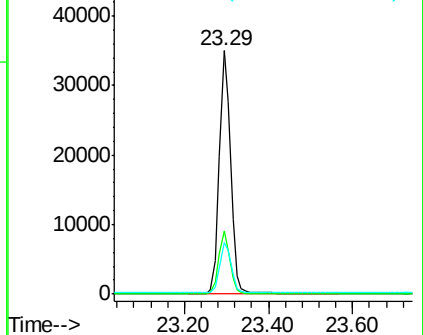
265 21.1 18.1 27.1

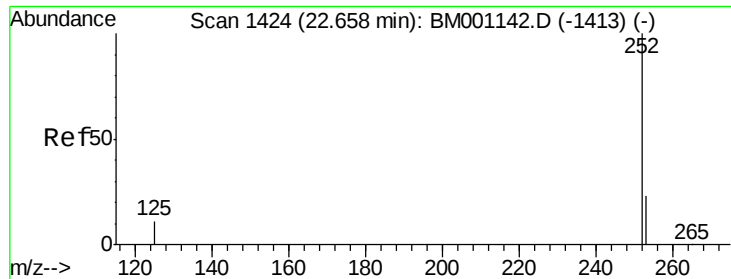


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 0.98 ng

RT: 22.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

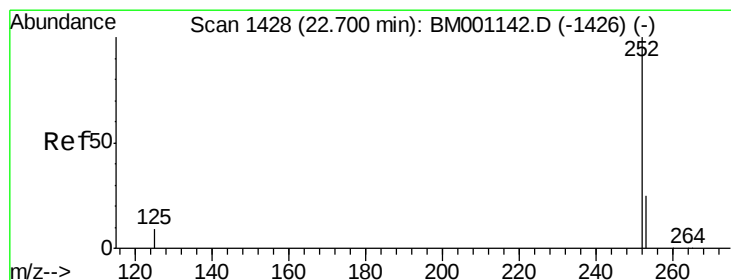
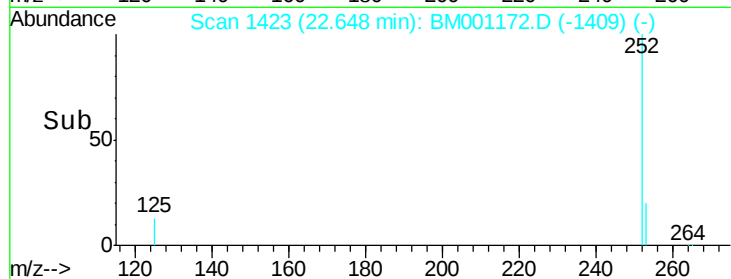
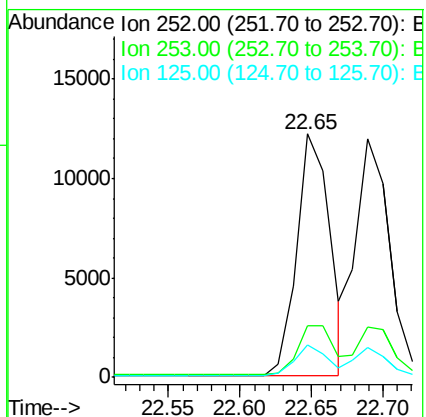
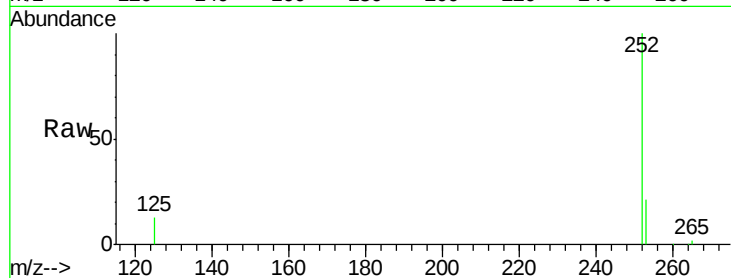
Tgt Ion:252 Resp: 19643

Ion Ratio Lower Upper

252 100

253 21.0 19.0 28.4

125 13.3 9.1 13.7



#32

Benzo(k)fluoranthene

Concen: 1.08 ng

RT: 22.69 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

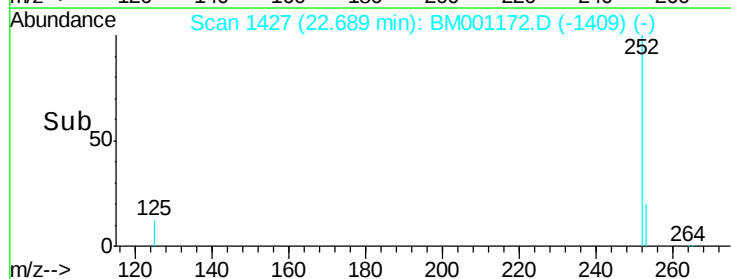
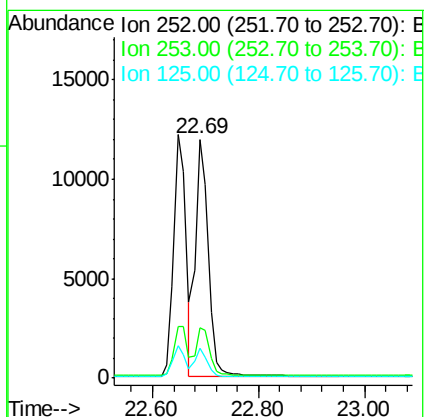
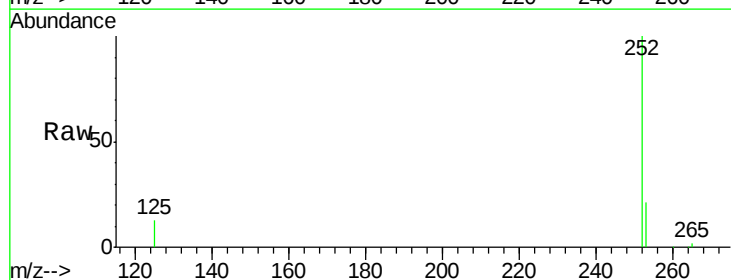
Tgt Ion:252 Resp: 20182

Ion Ratio Lower Upper

252 100

253 21.2 19.1 28.7

125 12.7 9.3 13.9





#33

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.20 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

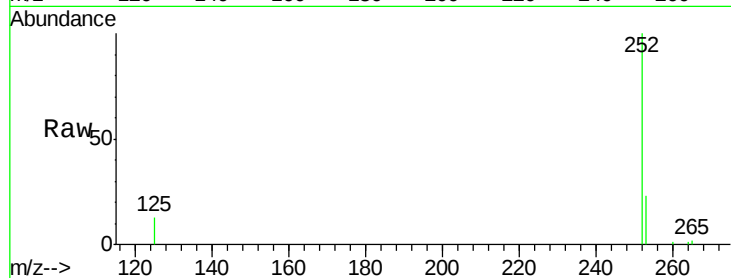
Tgt Ion:252 Resp: 17059

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

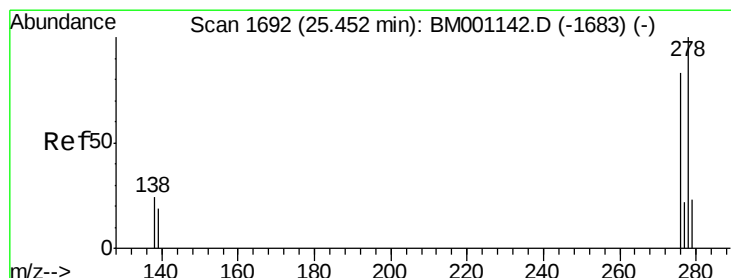
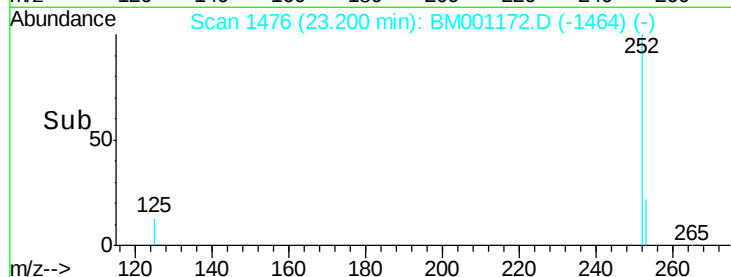
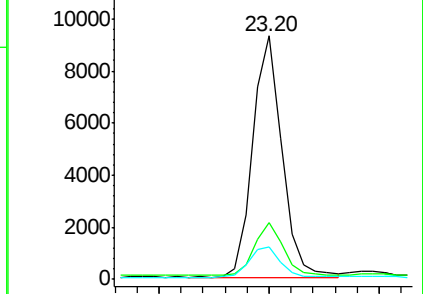
125 13.2 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Dibenzo(a,h)anthracene

Concen: 0.96 ng

RT: 25.44 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BM001172.D

Acq: 02 May 2015 17:37

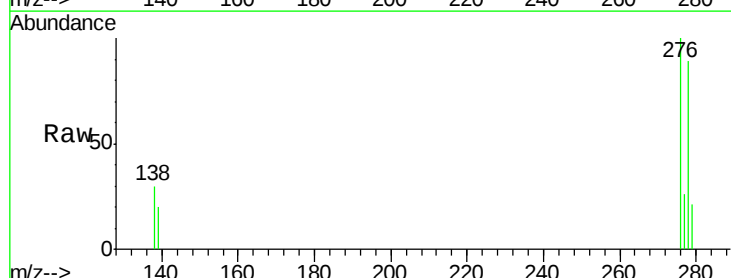
Tgt Ion:278 Resp: 14228

Ion Ratio Lower Upper

278 100

139 22.4 15.5 23.3

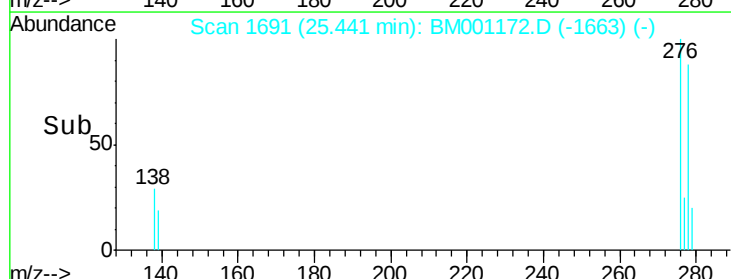
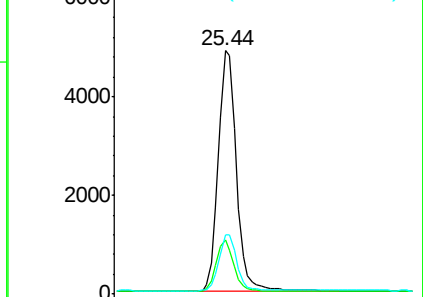
279 24.2 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Benzo(g,h,i)perylene

Concen: 0.95 ng

RT: 26.09 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BM001172.D

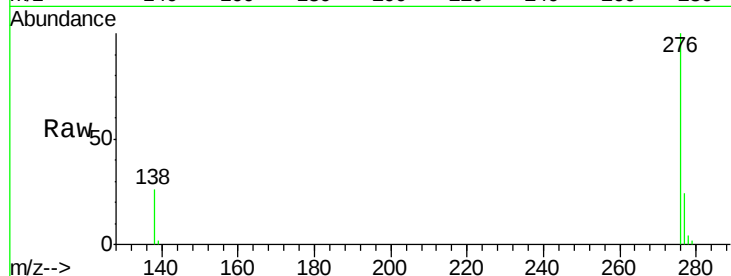
Acq: 02 May 2015 17:37

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001



Tgt Ion: 276 Resp: 14835

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 26.0 21.3 31.9

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

