

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051915\
 Data File : BM001344.D
 Acq On : 19 May 2015 12:26
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: May 20 04:07:33 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 03:51:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	13997	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	51613	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	28532	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	79115	5.00	ng	0.00
24) Chrysene-d12	21.07	240	42391	5.00	ng	0.00
30) Perylene-d12	23.18	264	37925	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	2694	0.99	ng	0.00
5) Phenol-d6	6.63	99	3099	1.01	ng	0.00
7) Nitrobenzene-d5	8.60	82	2738	0.94	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	619	0.72	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	9062	1.02	ng	0.00
26) Terphenyl-d14	19.51	244	5949	1.04	ng	0.00

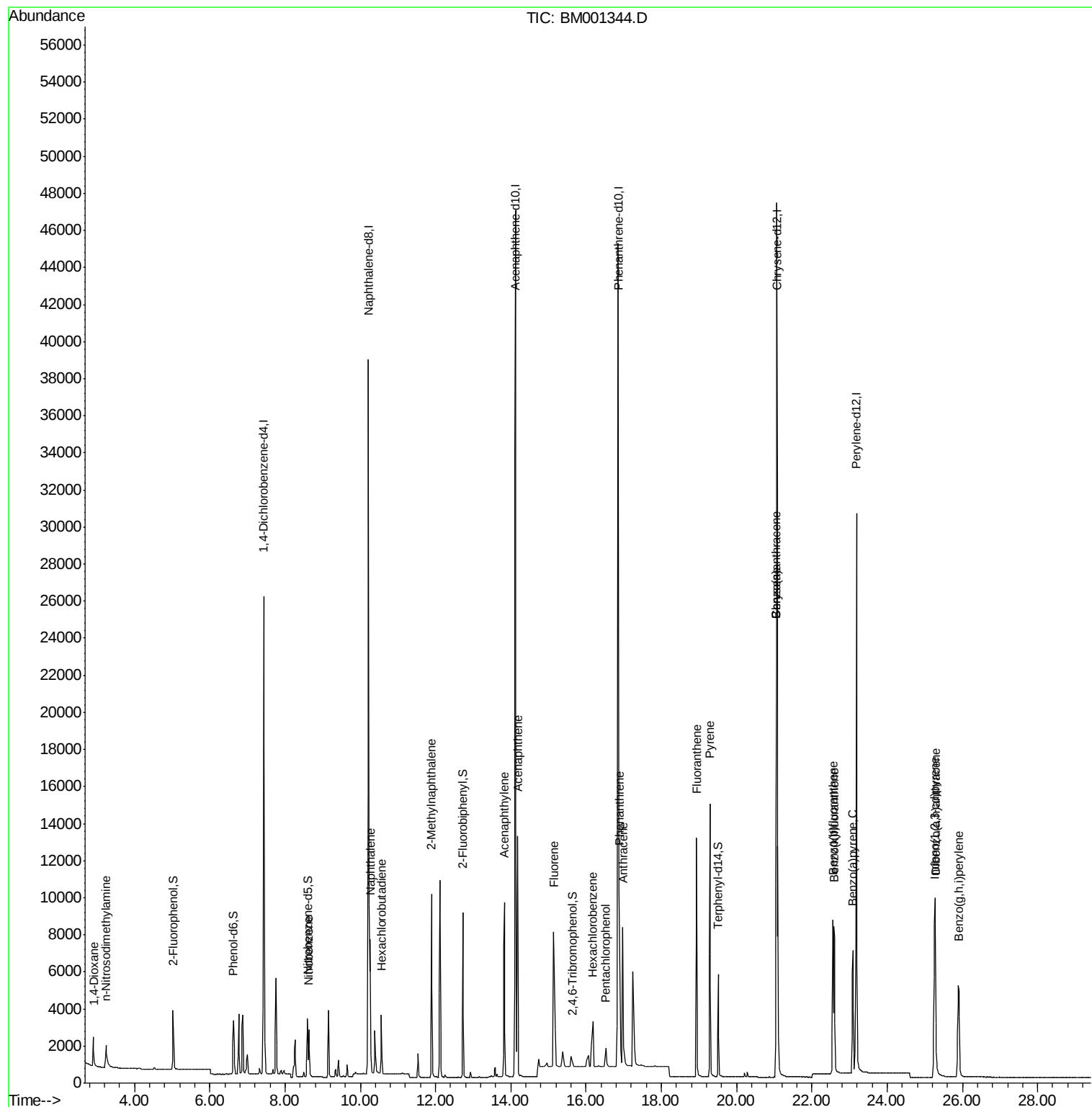
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	1745	0.99	ng	# 87
3) n-Nitrosodimethylamine	3.24	42	1600	1.01	ng	# 90
8) Nitrobenzene	8.64	77	2831	0.92	ng	99
9) Naphthalene	10.27	128	11126	1.01	ng	98
10) Hexachlorobutadiene	10.56	225	2169	1.01	ng	99
11) 2-Methylnaphthalene	11.90	142	7391	1.03	ng	90
15) Acenaphthylene	13.83	152	11582	0.99	ng	99
16) Acenaphthene	14.18	154	7427	0.99	ng	99
17) Fluorene	15.14	166	6312	0.93	ng	# 80
19) Hexachlorobenzene	16.18	284	3704	0.73	ng	# 84
20) Pentachlorophenol	16.52	266	817	0.93	ng	92
21) Phenanthrene	16.88	178	13415	1.12	ng	# 97
22) Anthracene	16.98	178	12044	1.03	ng	# 97
23) Fluoranthene	18.93	202	12975	0.69	ng	99
25) Pyrene	19.30	202	13351	1.02	ng	100
27) Benzo(a)anthracene	21.06	228	10842	0.94	ng	97
28) Chrysene	21.06	228	10842	0.93	ng	95
29) Indeno(1,2,3-cd)pyrene	25.26	276	11441	0.97	ng	99
31) Benzo(b)fluoranthene	22.56	252	11645	1.05	ng	96
32) Benzo(k)fluoranthene	22.59	252	9368	0.89	ng	98
33) Benzo(a)pyrene	23.09	252	9080	0.94	ng	97
34) Dibenzo(a,h)anthracene	25.28	278	8849	0.98	ng	99
35) Benzo(g,h,i)perylene	25.89	276	9820	0.99	ng	98

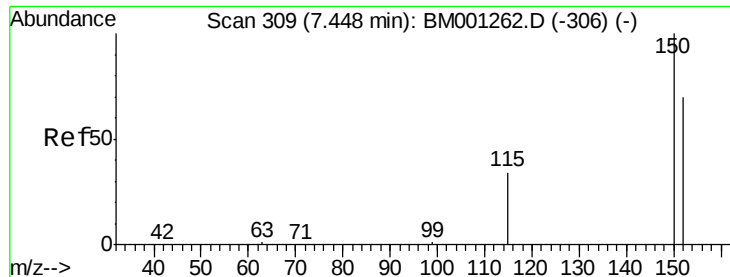
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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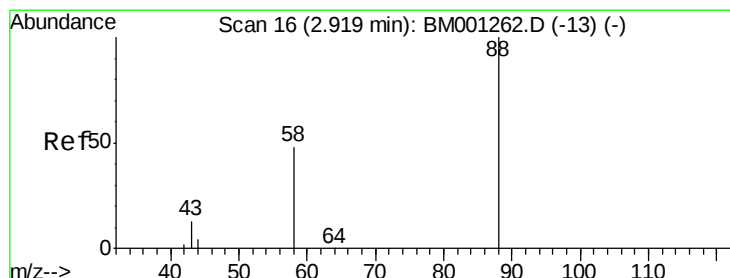
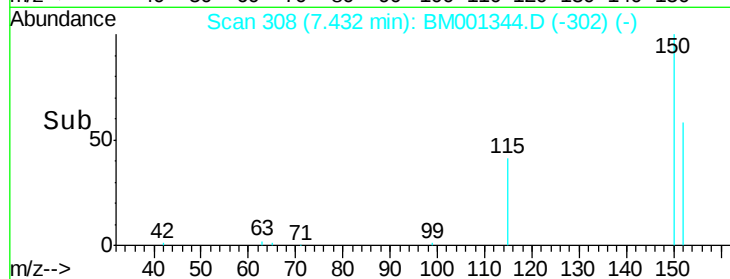
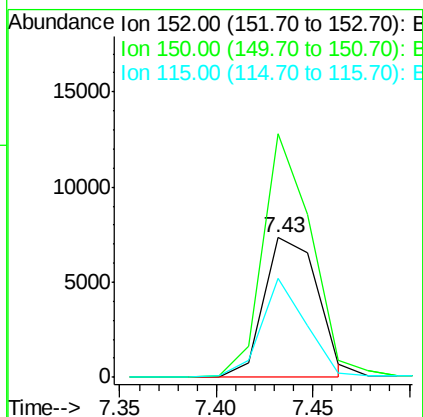
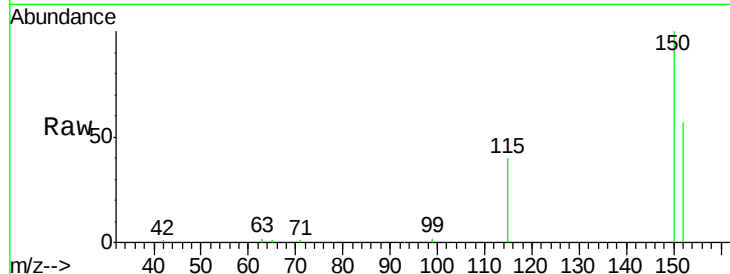




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.43 min Scan# 308
 Delta R.T. -0.00 min
 Lab File: BM001344.D
 Acq: 19 May 2015 12:26

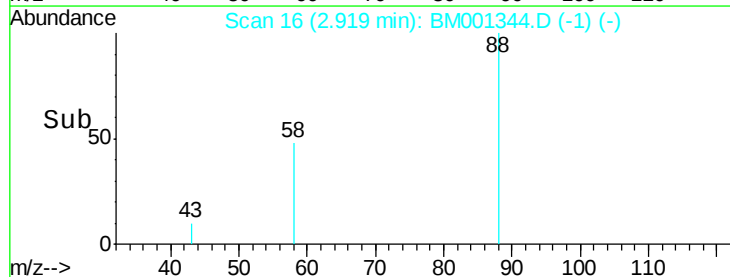
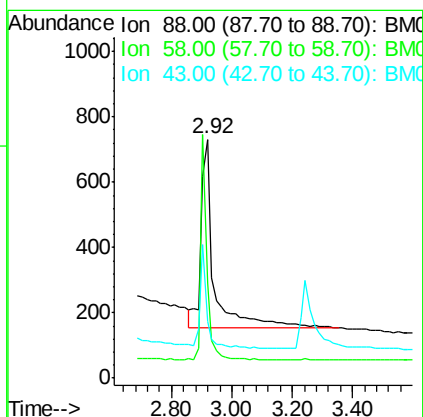
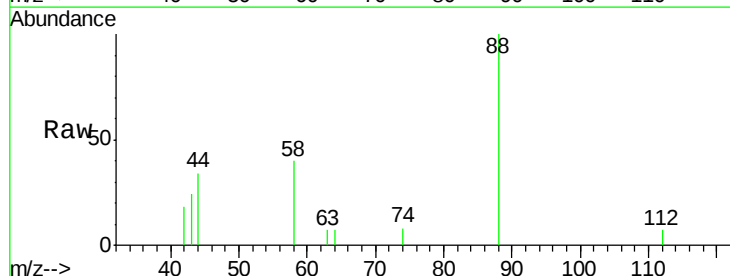
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

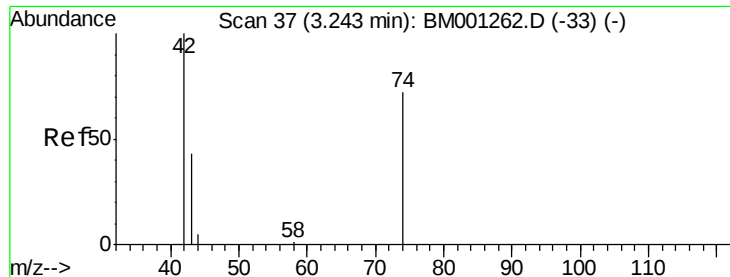
Tgt Ion: 152 Resp: 13997
 Ion Ratio Lower Upper
 152 100
 150 174.3 114.6 172.0#
 115 70.5 39.3 58.9#



#2
 1,4-Dioxane
 Concen: 0.99 ng
 RT: 2.92 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: BM001344.D
 Acq: 19 May 2015 12:26

Tgt Ion: 88 Resp: 1745
 Ion Ratio Lower Upper
 88 100
 58 57.4 39.0 58.6
 43 31.6 20.2 30.2#





#3

n-Nitrosodimethylamine

Concen: 1.01 ng

RT: 3.24 min Scan# 37

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

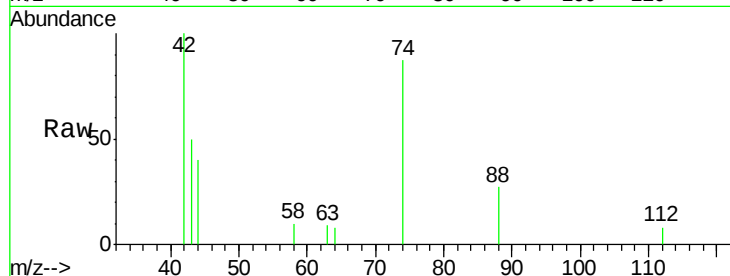
Tgt Ion: 42 Resp: 1600

Ion Ratio Lower Upper

42 100

74 92.3 82.1 123.1

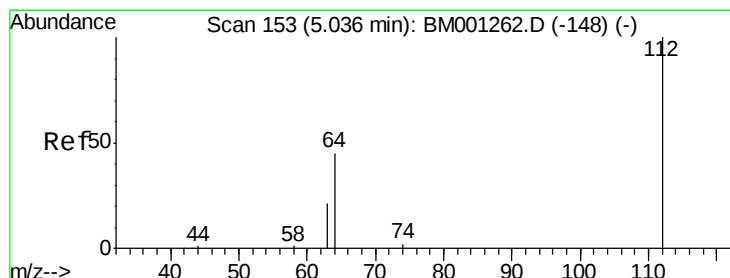
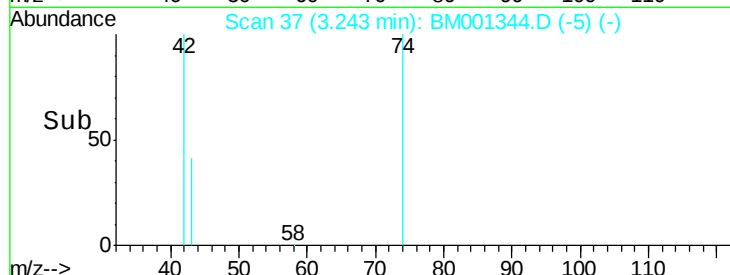
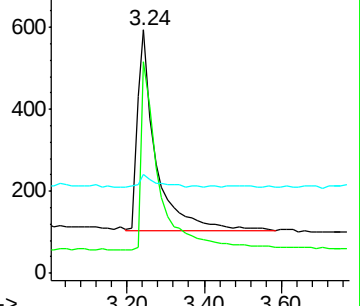
44 6.4 3.0 4.4#



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) (-)



#4

2-Fluorophenol

Concen: 0.99 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

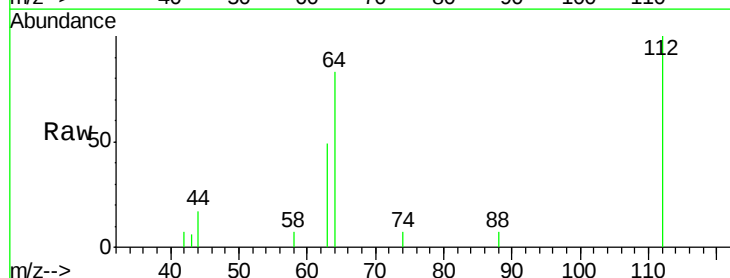
Tgt Ion: 112 Resp: 2694

Ion Ratio Lower Upper

112 100

64 65.9 50.8 76.2

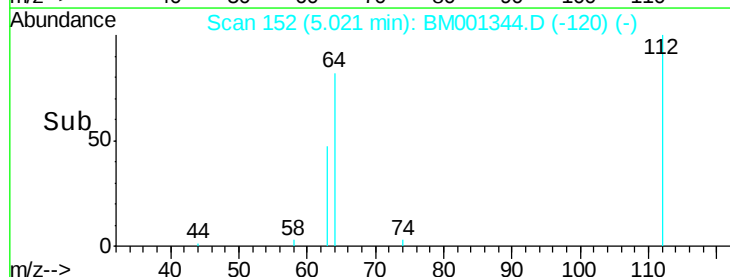
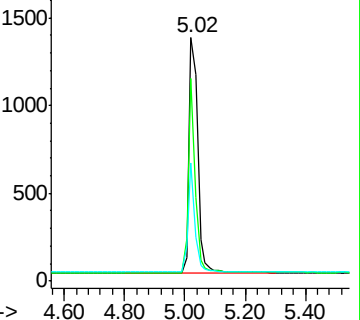
63 37.0 28.2 42.4

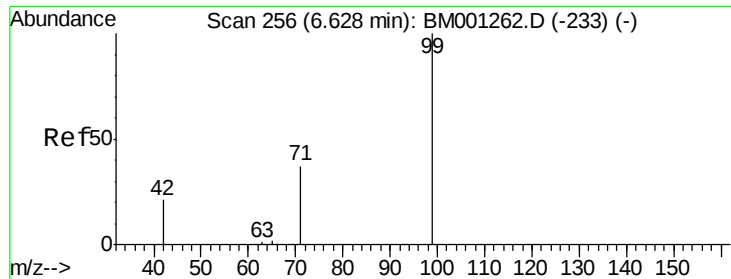


Abundance Ion 112.00 (111.70 to 112.70): BM001262.D (-148) (-)

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

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





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

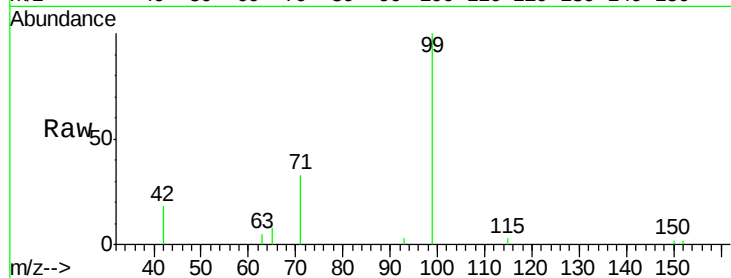
Tgt Ion: 99 Resp: 3099

Ion Ratio Lower Upper

99 100

42 26.4 19.9 29.9

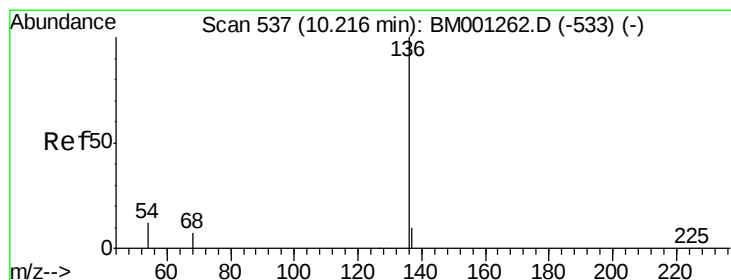
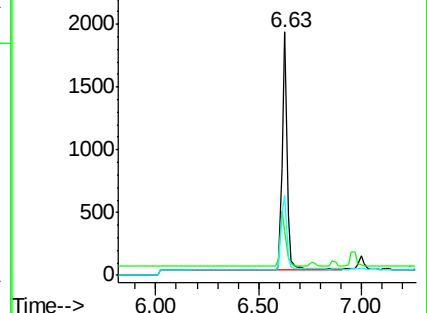
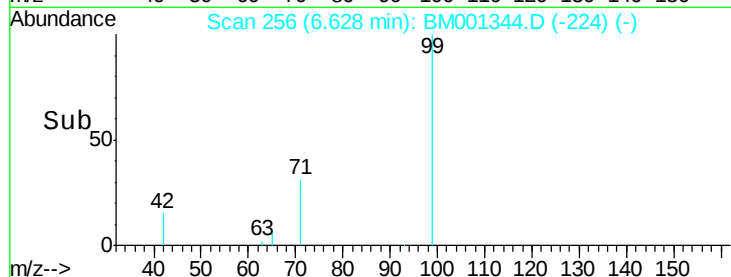
71 36.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001344.D (-224) (-)

Ion 42.00 (41.70 to 42.70): BM001344.D (-224) (-)

Ion 71.00 (70.70 to 71.70): BM001344.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Tgt Ion: 136 Resp: 51613

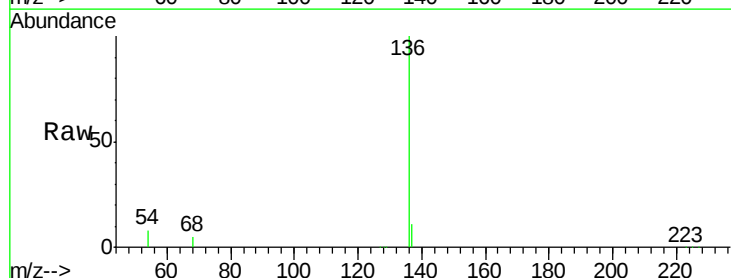
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.8 9.5 14.3#

68 4.8 5.5 8.3#

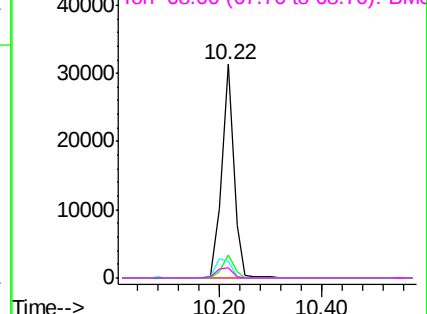
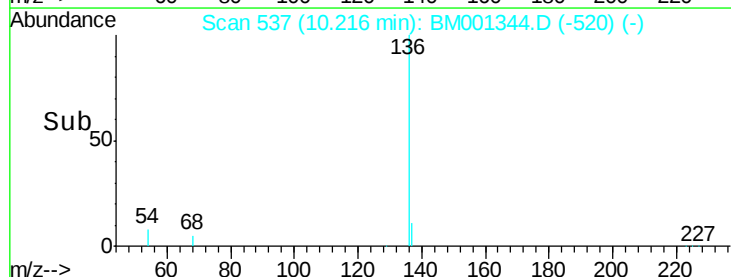


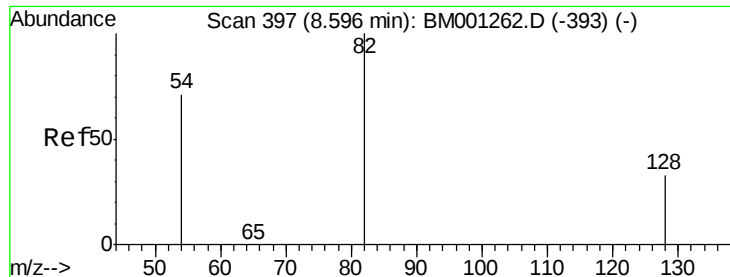
Abundance Ion 136.00 (135.70 to 136.70): BM001344.D (-520) (-)

Ion 137.00 (136.70 to 137.70): BM001344.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BM001344.D (-520) (-)

Ion 68.00 (67.70 to 68.70): BM001344.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 0.94 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

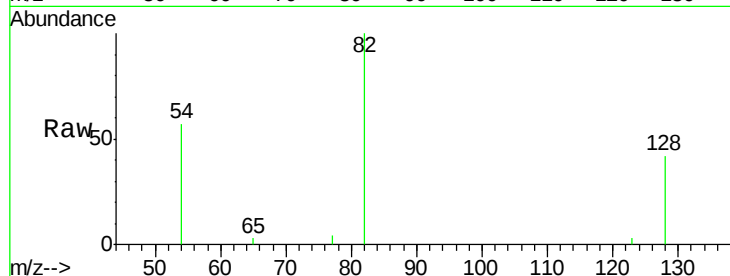
Tgt Ion: 82 Resp: 2738

Ion Ratio Lower Upper

82 100

128 41.7 28.0 42.0

54 56.5 57.3 85.9#

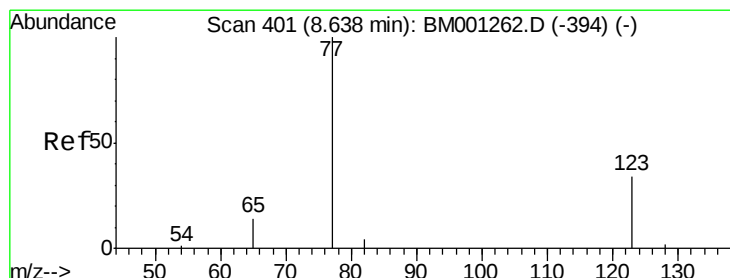
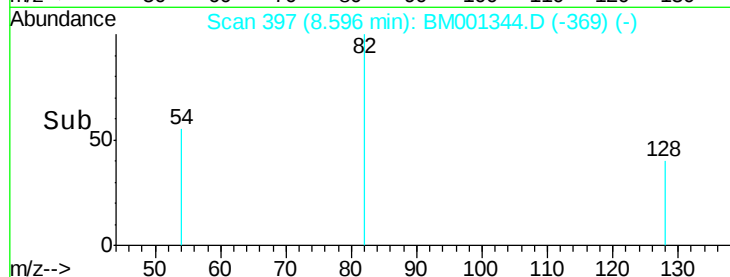


Abundance Ion 82.00 (81.70 to 82.70): BM001344.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001344.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001344.D (-369) (-)

Time-->



#8

Nitrobenzene

Concen: 0.92 ng

RT: 8.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

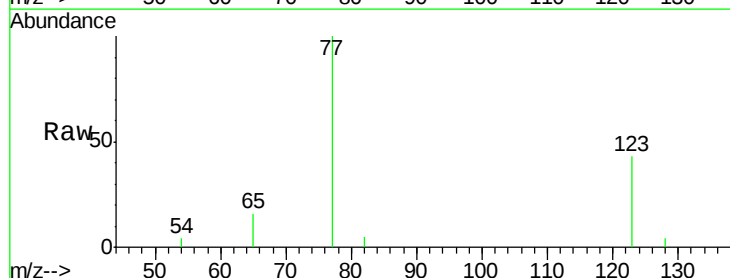
Tgt Ion: 77 Resp: 2831

Ion Ratio Lower Upper

77 100

123 42.5 33.4 50.2

65 14.2 10.6 15.8

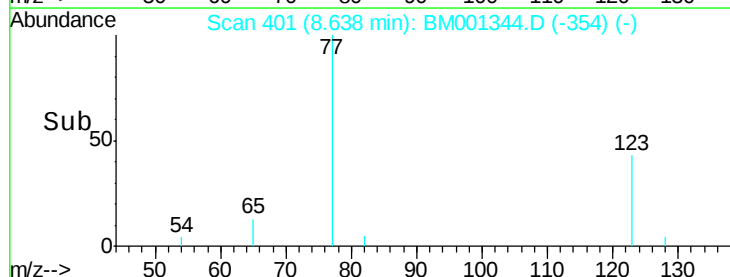


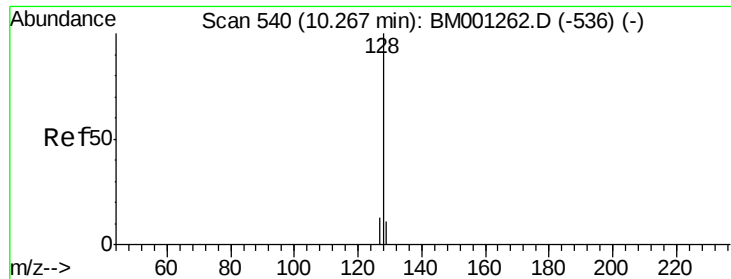
Abundance Ion 77.00 (76.70 to 77.70): BM001344.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001344.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001344.D (-354) (-)

Time-->





#9

Naphthalene

Concen: 1.01 ng

RT: 10.27 min Scan# 540

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

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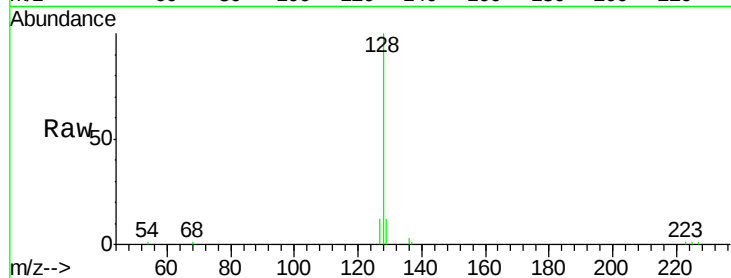
Tgt Ion:128 Resp: 11126

Ion Ratio Lower Upper

128 100

129 12.2 9.1 13.7

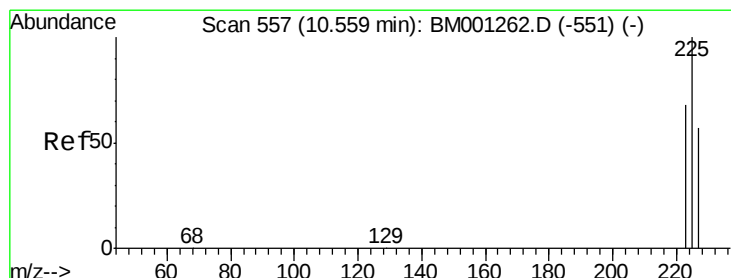
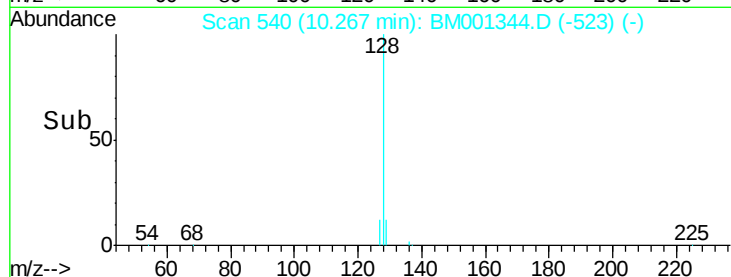
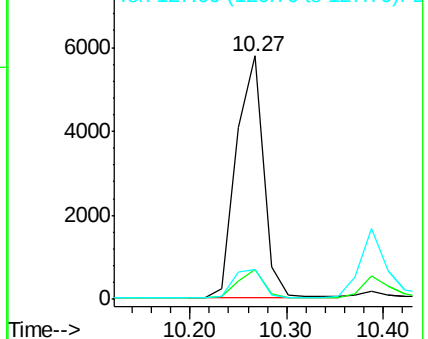
127 12.2 10.6 16.0



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

RT: 10.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

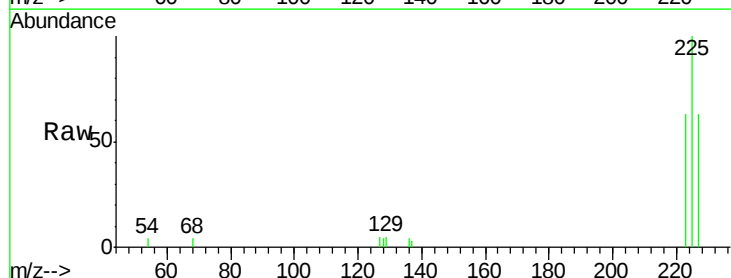
Tgt Ion:225 Resp: 2169

Ion Ratio Lower Upper

225 100

223 62.6 49.6 74.4

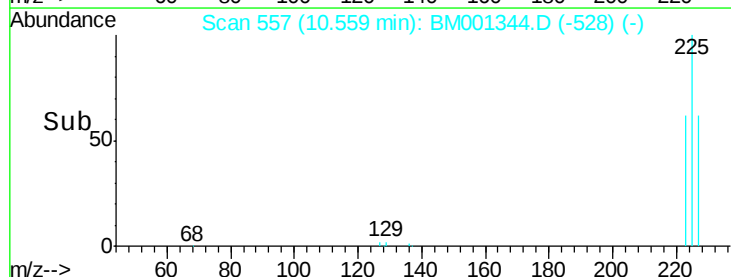
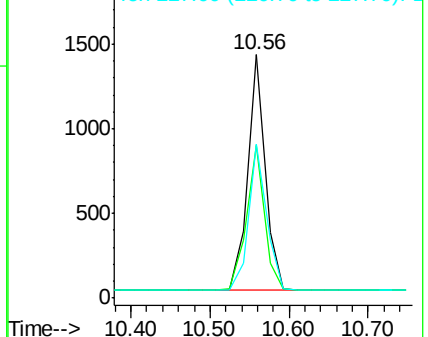
227 63.4 51.4 77.2

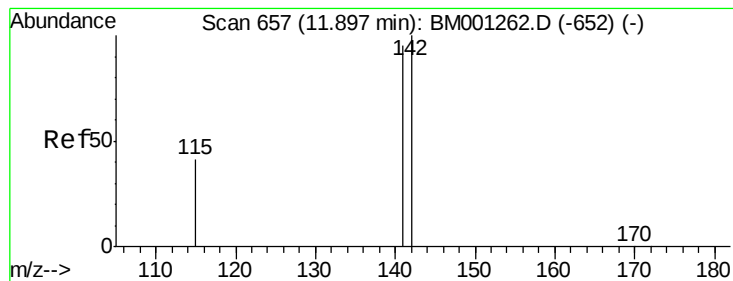


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.03 ng

RT: 11.90 min Scan# 657

Delta R.T. -0.00 min

Lab File: BM001344.D

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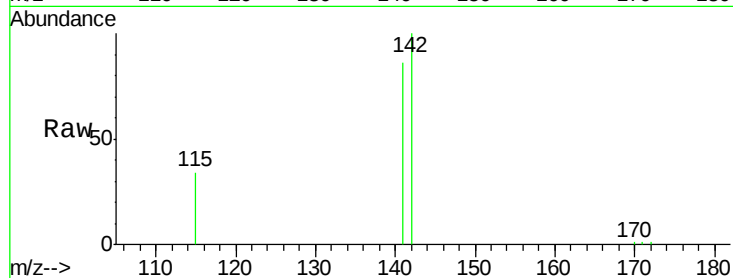
Tgt Ion:142 Resp: 7391

Ion Ratio Lower Upper

142 100

141 85.9 76.1 114.1

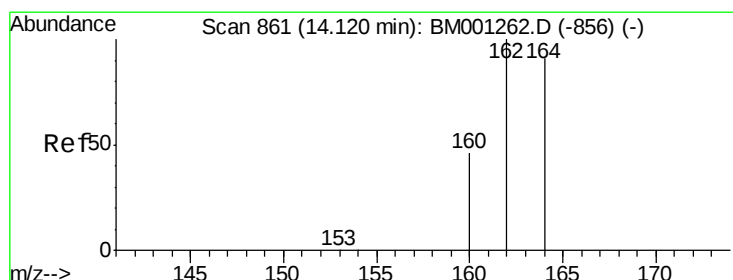
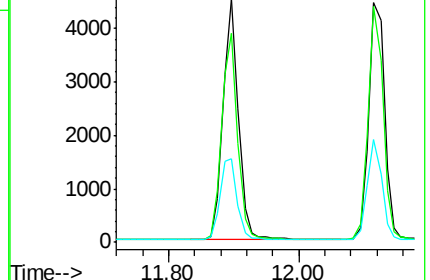
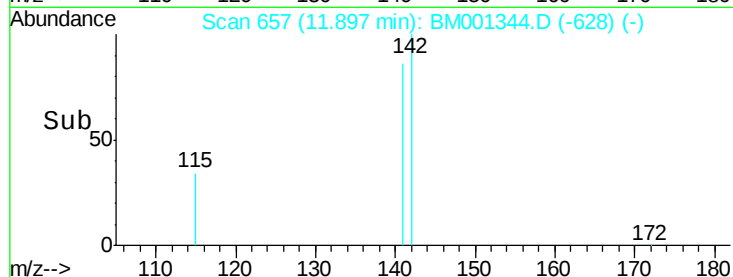
115 34.5 33.1 49.7



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: BM001344.D

Acq: 19 May 2015 12:26

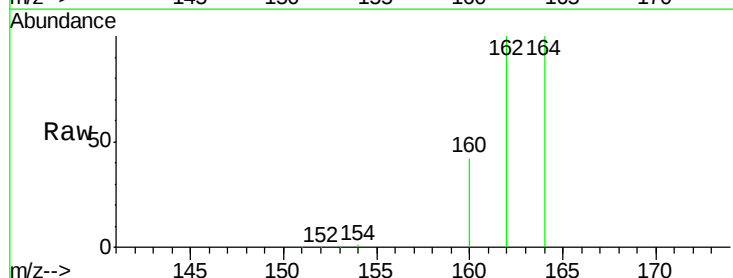
Tgt Ion:164 Resp: 28532

Ion Ratio Lower Upper

164 100

162 100.0 87.9 131.9

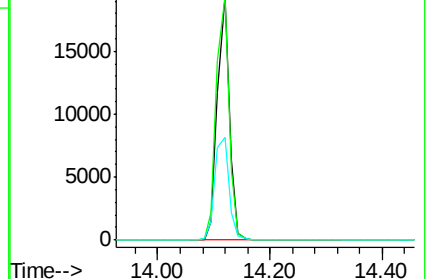
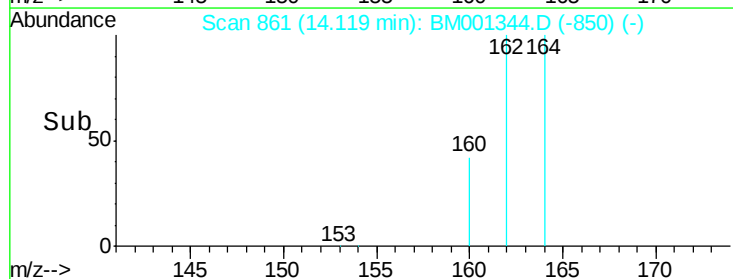
160 42.1 40.9 61.3

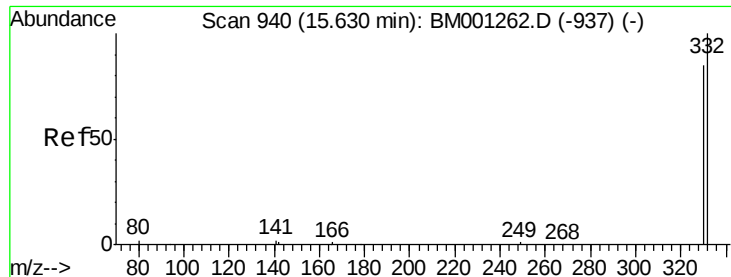


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

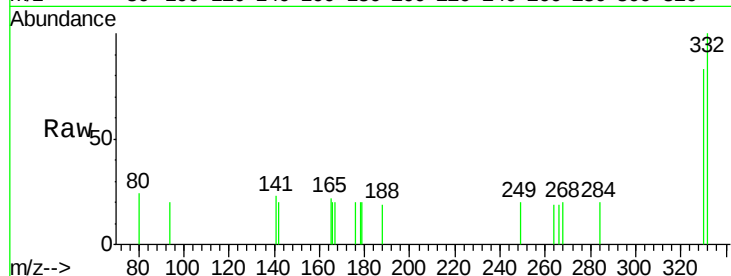




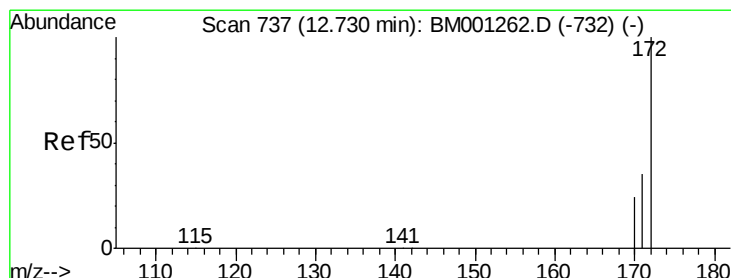
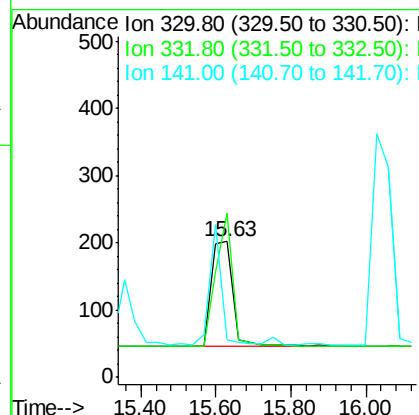
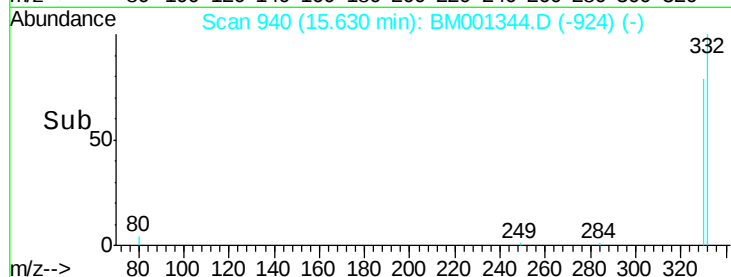
#13
 2,4,6-Tribromophenol
 Concen: 0.72 ng
 RT: 15.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BM001344.D
 Acq: 19 May 2015 12:26

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:330 Resp: 619
 Ion Ratio Lower Upper
 330 100
 332 98.5 89.0 133.4
 141 0.0 0.0 0.0

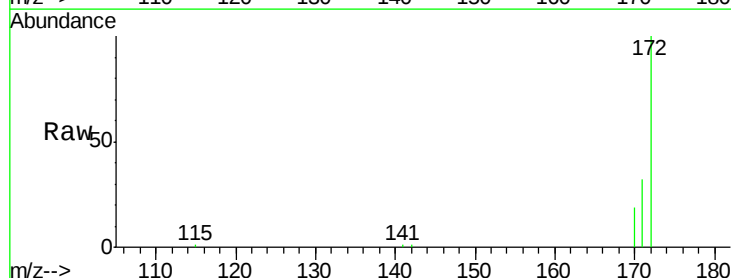


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

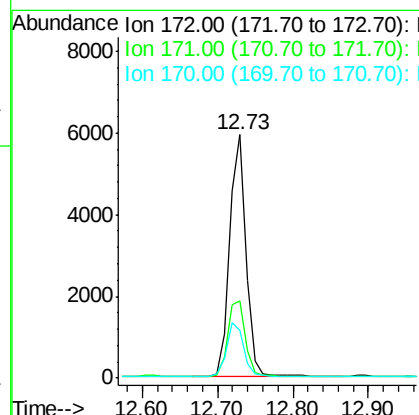
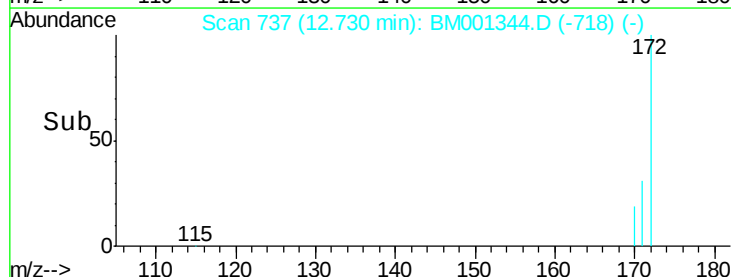


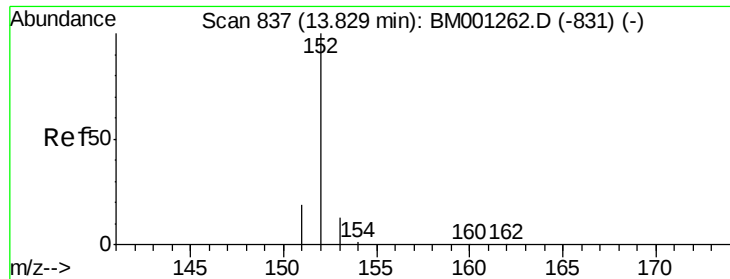
#14
 2-Fluorobiphenyl
 Concen: 1.02 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001344.D
 Acq: 19 May 2015 12:26

Tgt Ion:172 Resp: 9062
 Ion Ratio Lower Upper
 172 100
 171 31.7 28.7 43.1
 170 19.4 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: 0.99 ng

RT: 13.83 min Scan# 837

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

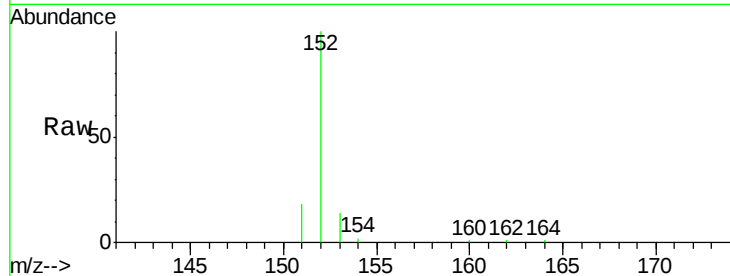
Tgt Ion:152 Resp: 11582

Ion Ratio Lower Upper

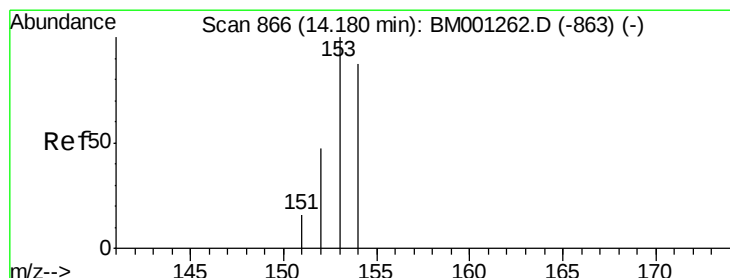
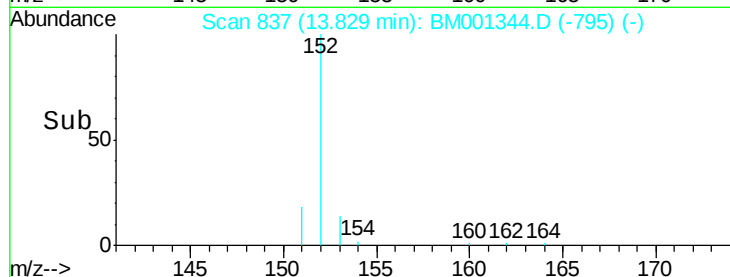
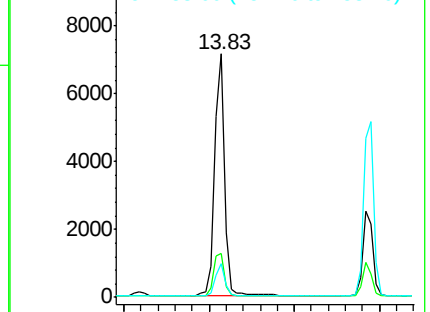
152 100

151 19.1 15.0 22.4

153 12.8 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: 0.99 ng

RT: 14.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

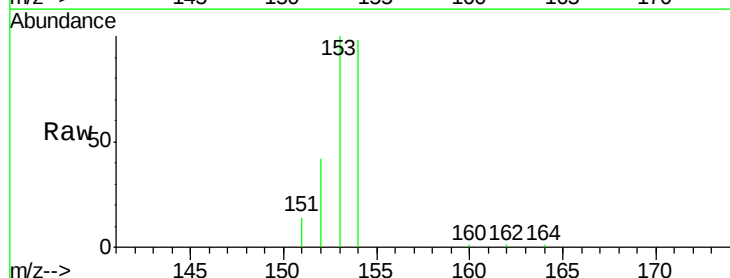
Tgt Ion:154 Resp: 7427

Ion Ratio Lower Upper

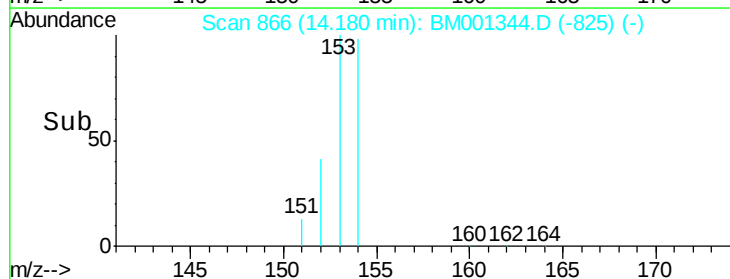
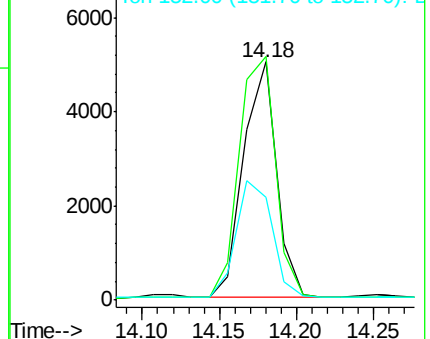
154 100

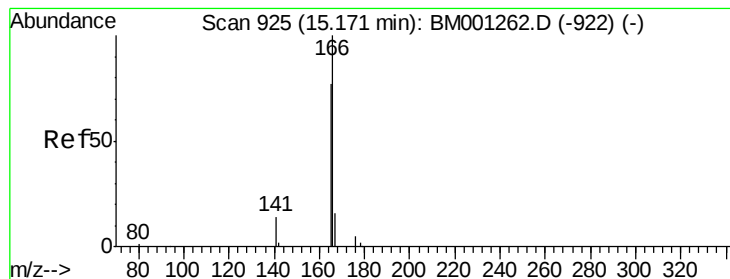
153 113.5 91.4 137.2

152 54.6 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: 0.93 ng

RT: 15.14 min Scan# 924

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

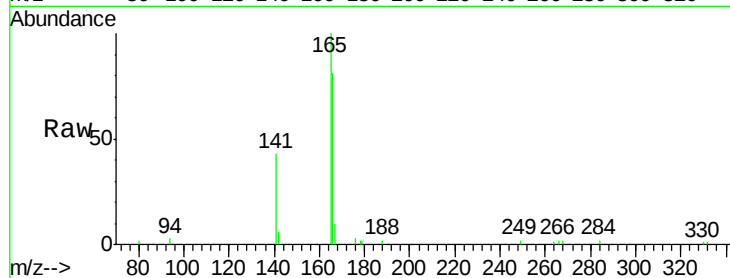
Tgt Ion:166 Resp: 6312

Ion Ratio Lower Upper

166 100

165 109.1 70.6 106.0#

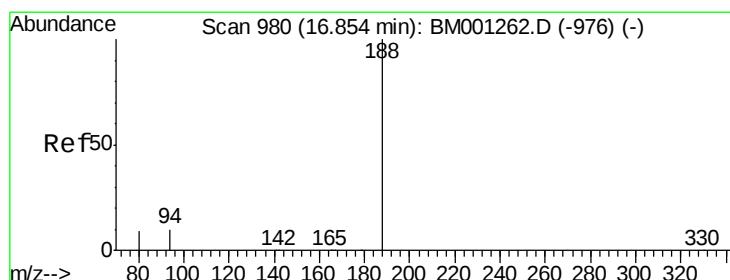
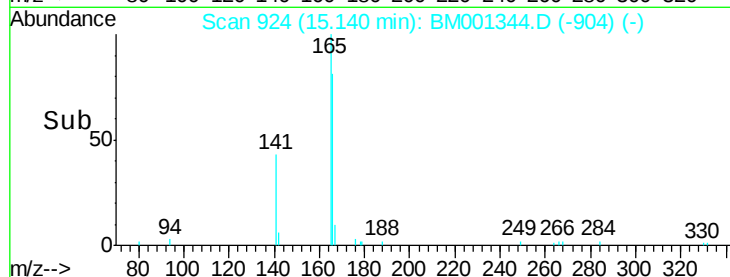
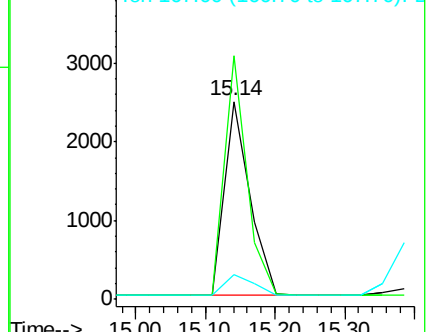
167 12.4 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

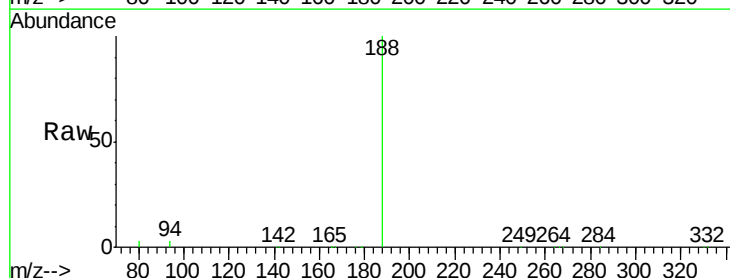
Tgt Ion:188 Resp: 79115

Ion Ratio Lower Upper

188 100

94 3.0 7.8 11.8#

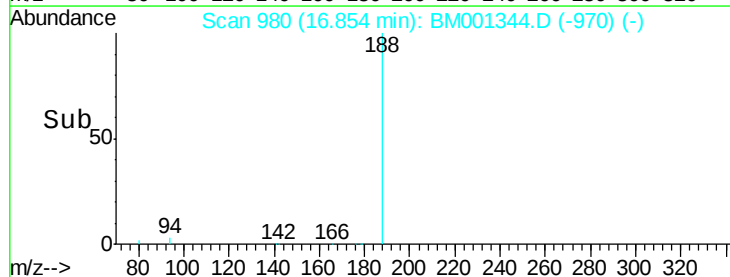
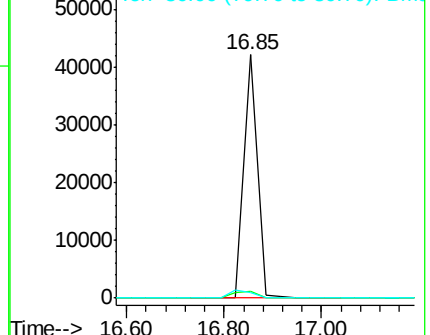
80 2.5 7.5 11.3#

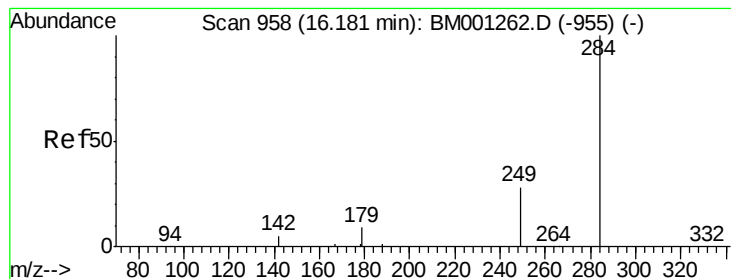


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

Hexachlorobenzene

Concen: 0.73 ng

RT: 16.18 min Scan# 958

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

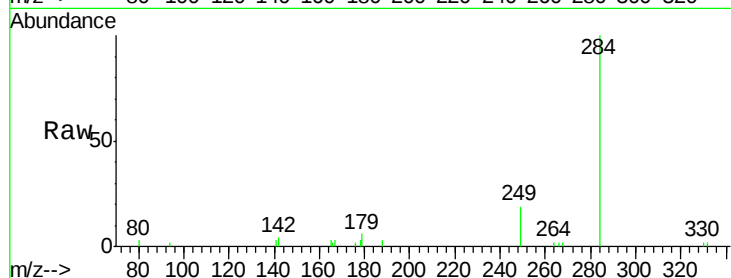
Tgt Ion:284 Resp: 3704

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

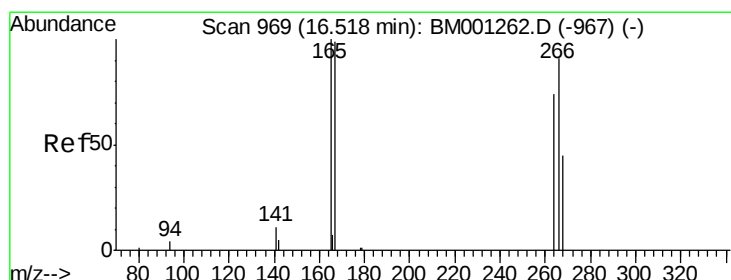
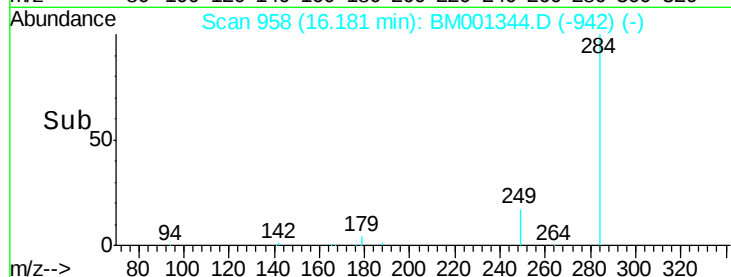
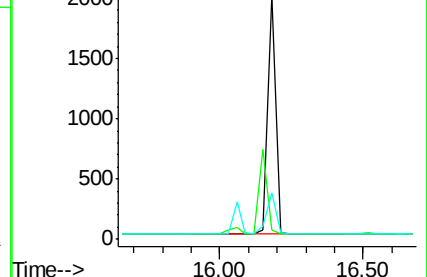
249 20.1 22.7 34.1#



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: 0.93 ng

RT: 16.52 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

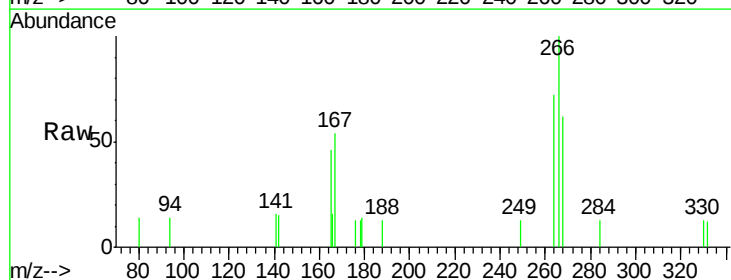
Tgt Ion:266 Resp: 817

Ion Ratio Lower Upper

266 100

268 62.2 49.4 74.0

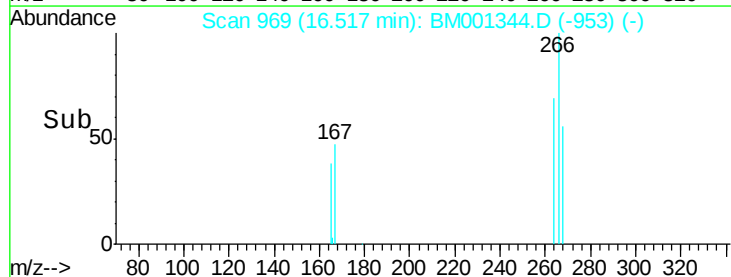
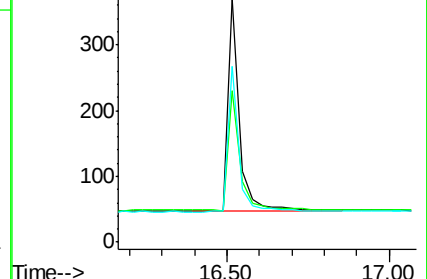
264 72.4 67.8 101.6

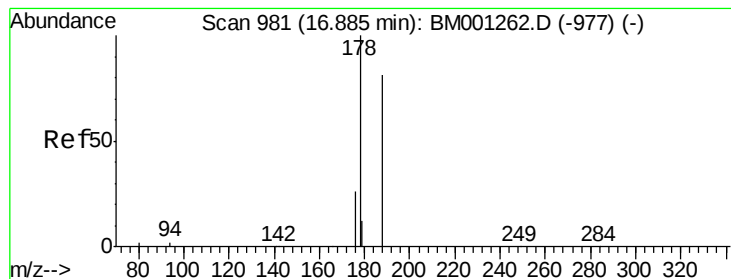


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 1.12 ng

RT: 16.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

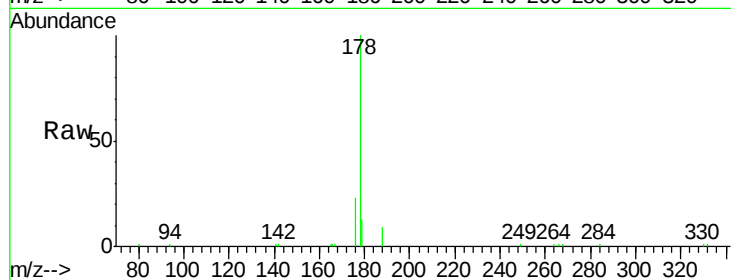
Tgt Ion:178 Resp: 13415

Ion Ratio Lower Upper

178 100

176 21.4 15.9 23.9

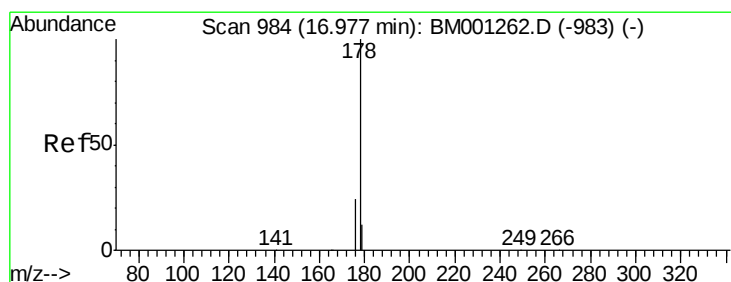
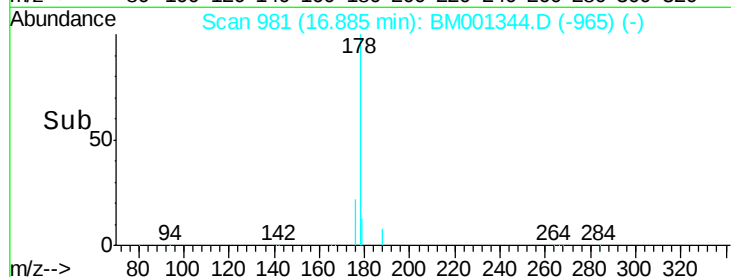
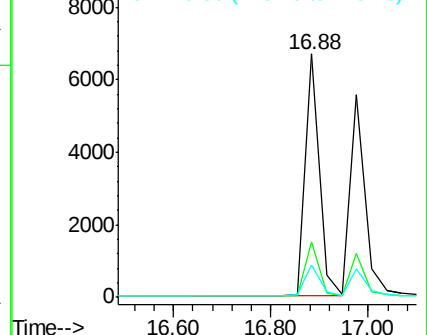
179 13.8 0.0 0.0#



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



#22

Anthracene

Concen: 1.03 ng

RT: 16.98 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

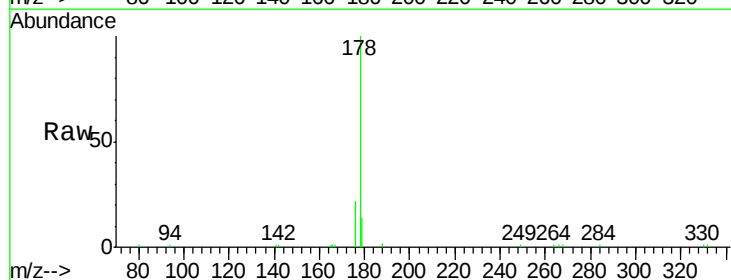
Tgt Ion:178 Resp: 12044

Ion Ratio Lower Upper

178 100

176 20.4 15.3 22.9

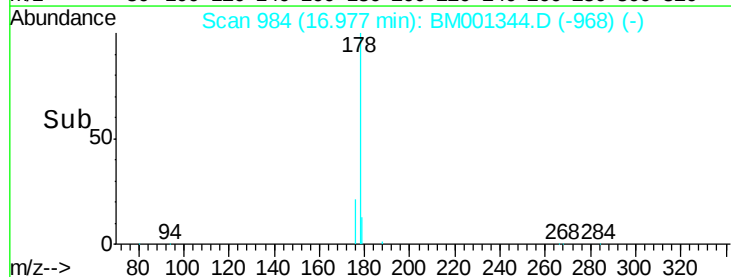
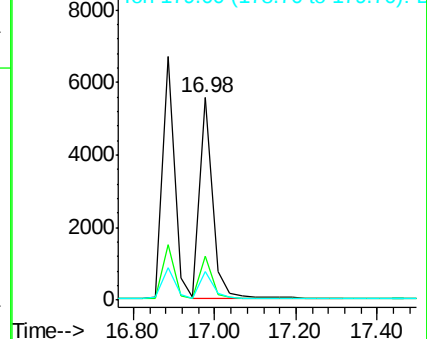
179 13.9 0.0 0.0#

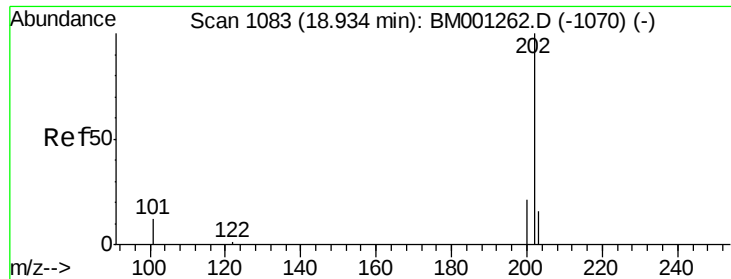


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.69 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

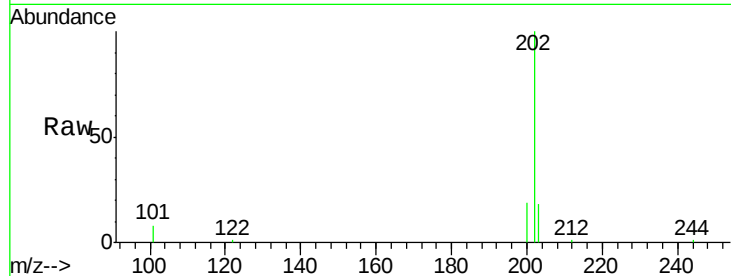
BNA_M

ClientSampleId :

SSTDCCC001EC

Tgt Ion: 202 Resp: 12975

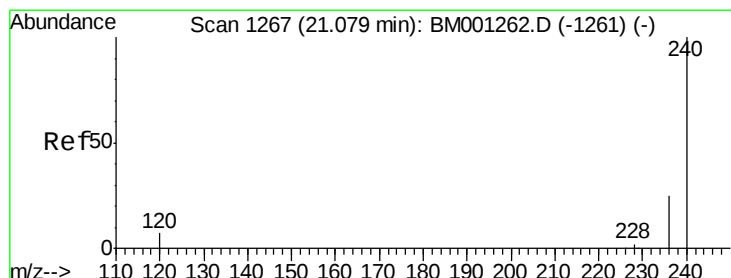
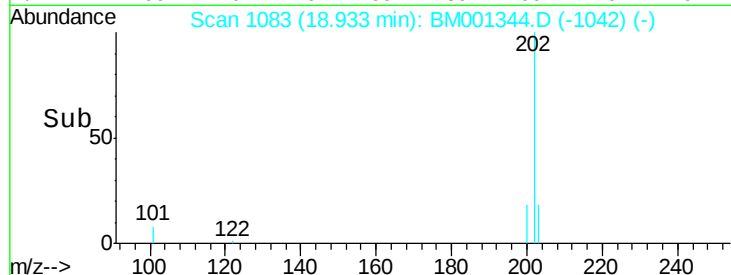
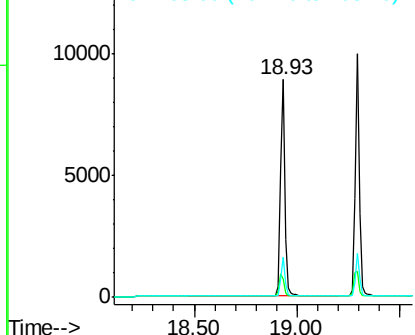
Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
203	17.3	13.8	20.6



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: 21.07 min Scan# 1266

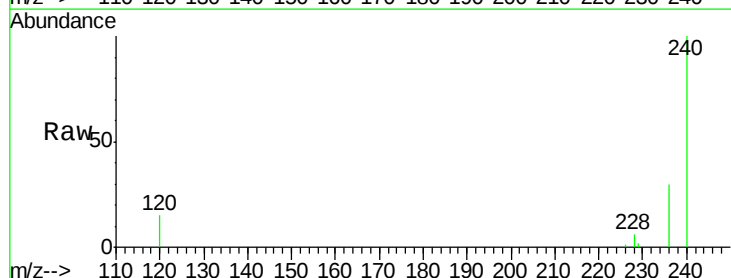
Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Tgt Ion: 240 Resp: 42391

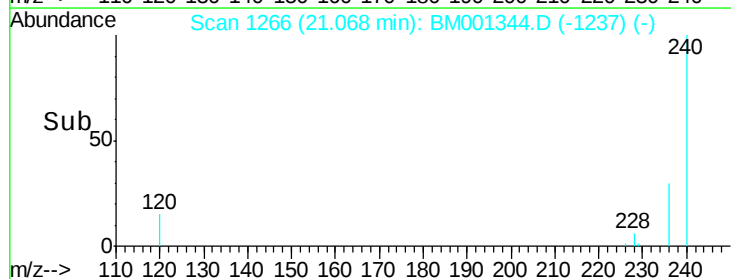
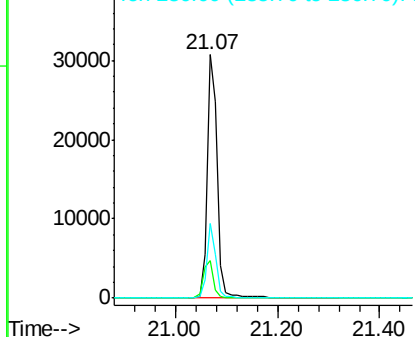
Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.5	8.3#
236	30.4	20.4	30.6

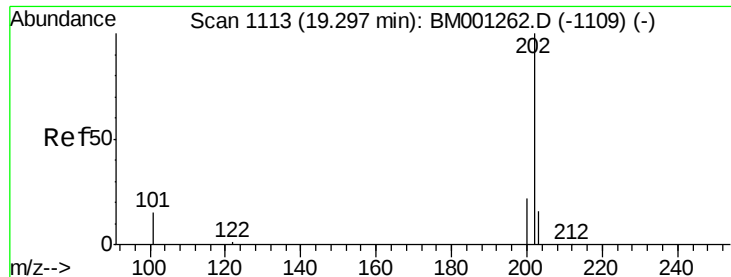


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

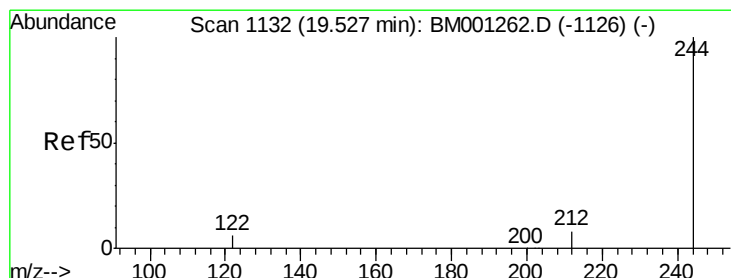
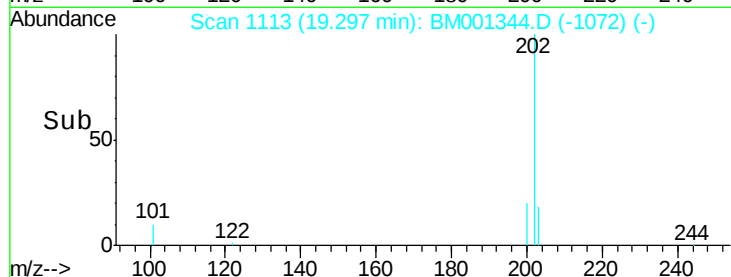
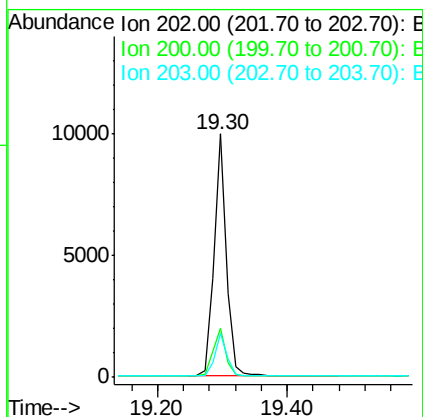
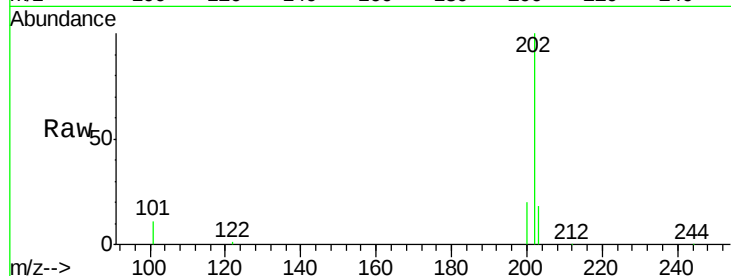




#25
 Pyrene
 Concen: 1.02 ng
 RT: 19.30 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BM001344.D
 Acq: 19 May 2015 12:26

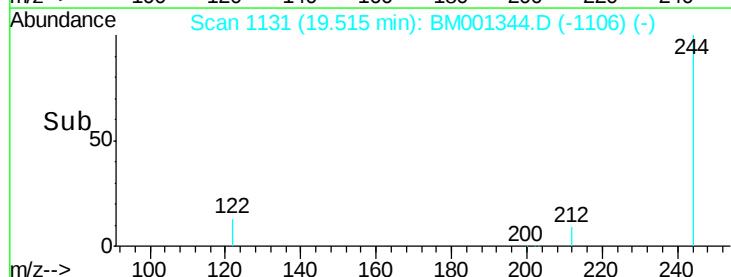
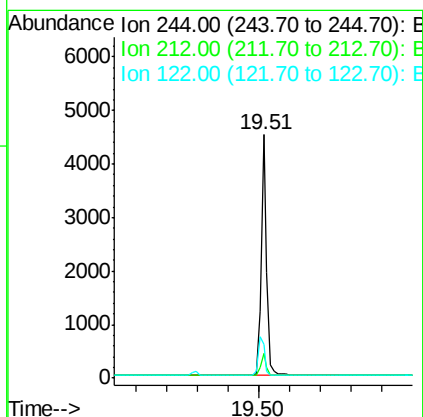
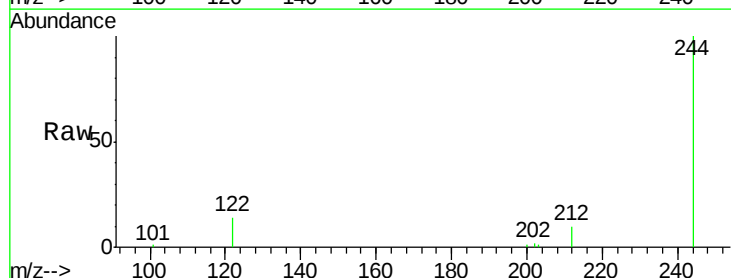
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

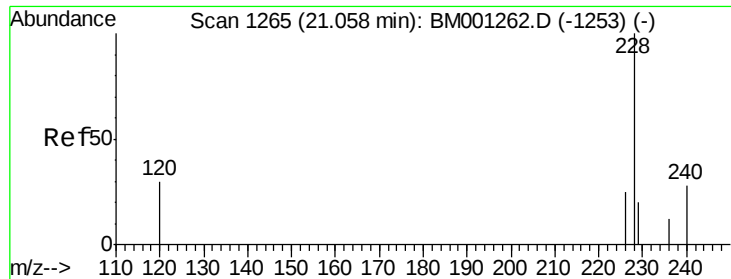
Tgt Ion: 202 Resp: 13351
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.4 24.6
 203 17.7 13.9 20.9



#26
 Terphenyl-d14
 Concen: 1.04 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BM001344.D
 Acq: 19 May 2015 12:26

Tgt Ion: 244 Resp: 5949
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.2 10.8
 122 13.8 5.6 8.4#





#27

Benzo(a)anthracene

Concen: 0.94 ng

RT: 21.06 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

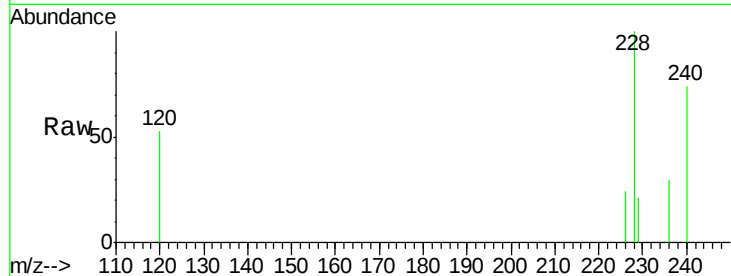
Tgt Ion:228 Resp: 10842

Ion Ratio Lower Upper

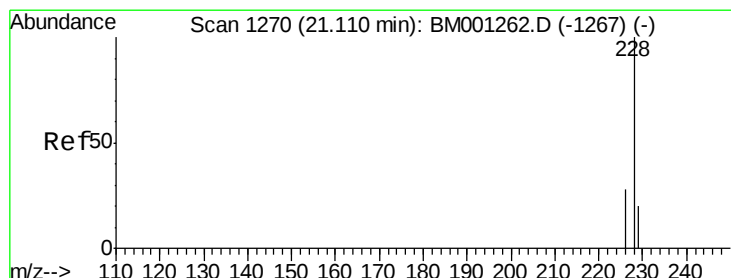
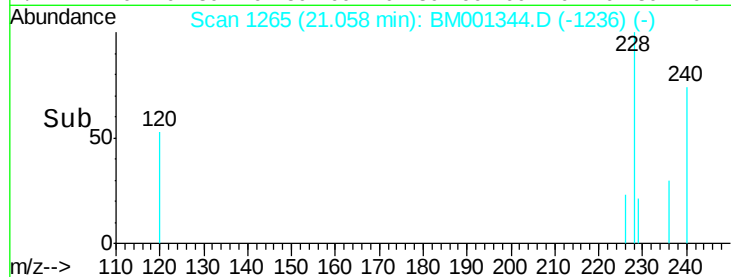
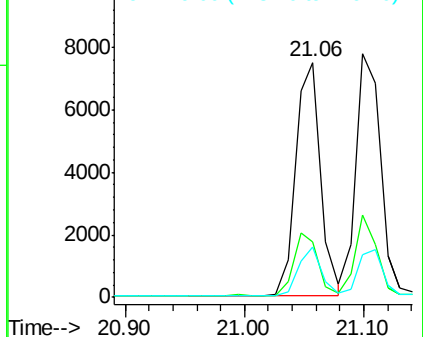
228 100

226 23.5 20.5 30.7

229 21.4 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: 0.93 ng

RT: 21.06 min Scan# 1265

Delta R.T. -0.04 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

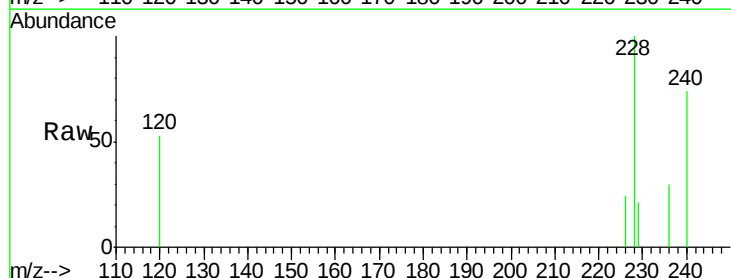
Tgt Ion:228 Resp: 10842

Ion Ratio Lower Upper

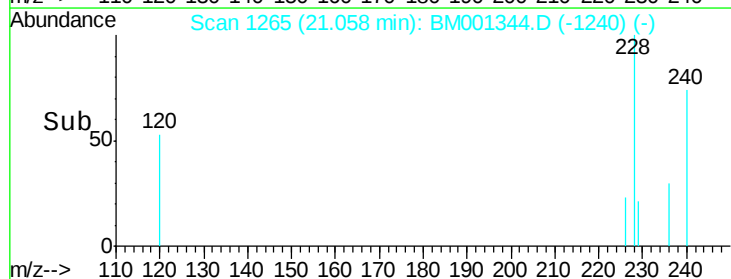
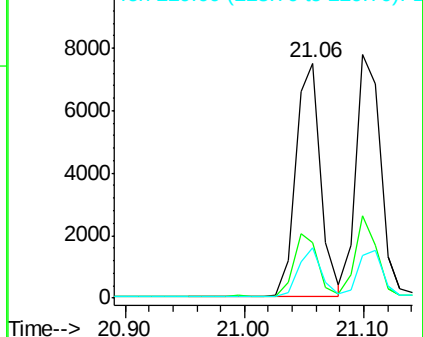
228 100

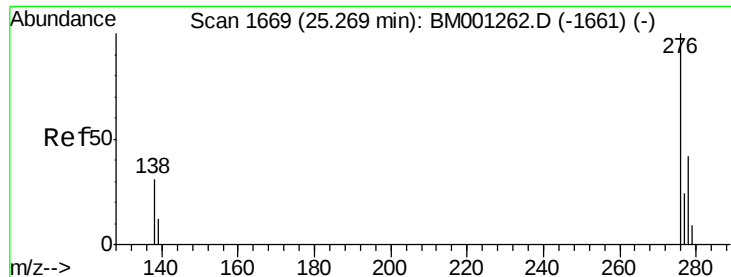
226 23.5 22.2 33.2

229 21.4 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: 0.97 ng

RT: 25.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

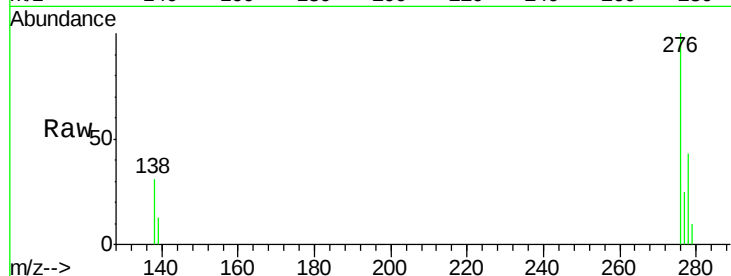
Tgt Ion:276 Resp: 11441

Ion Ratio Lower Upper

276 100

138 30.5 24.9 37.3

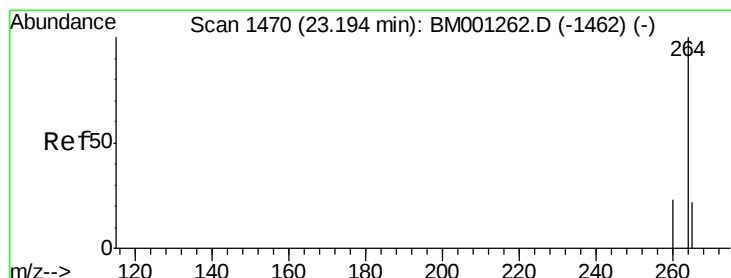
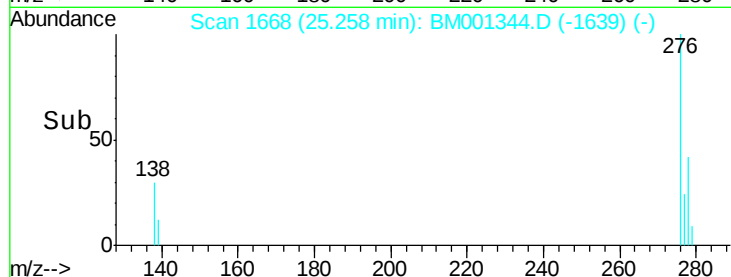
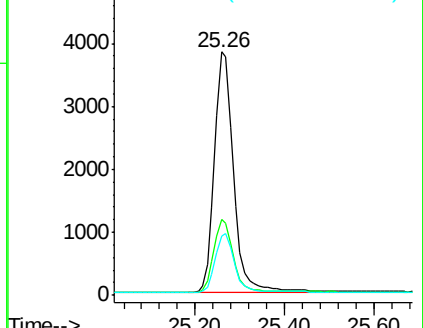
277 24.5 19.5 29.3



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. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

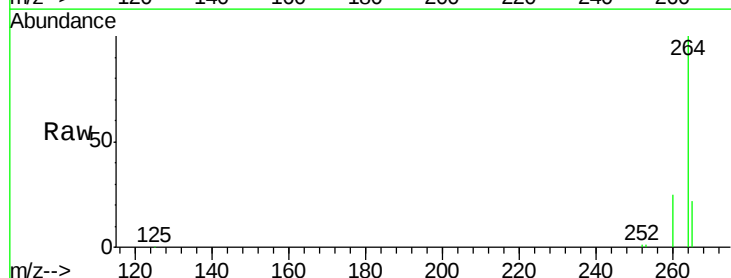
Tgt Ion:264 Resp: 37925

Ion Ratio Lower Upper

264 100

260 24.8 18.9 28.3

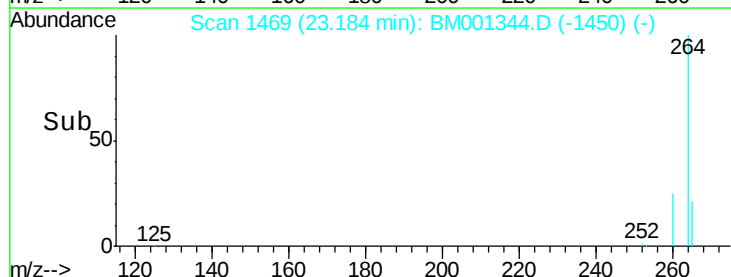
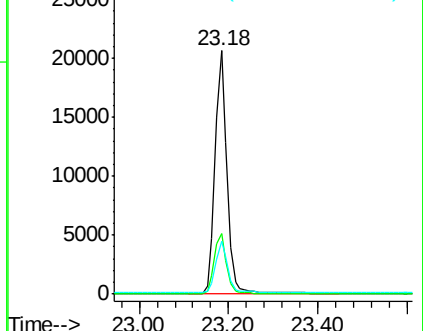
265 21.7 18.1 27.1

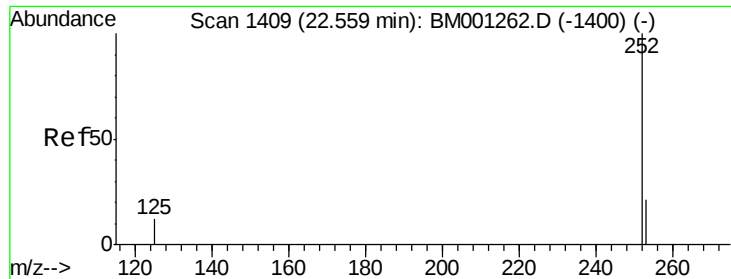


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

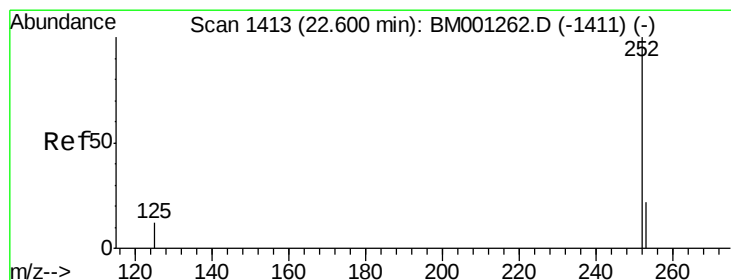
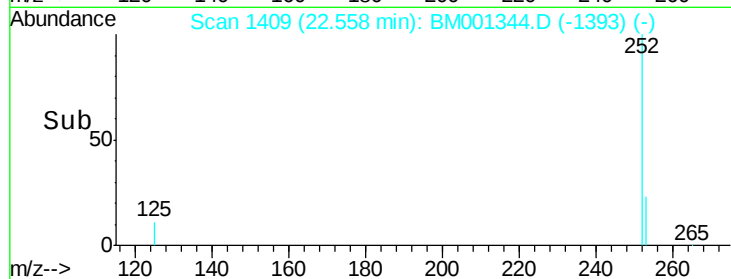
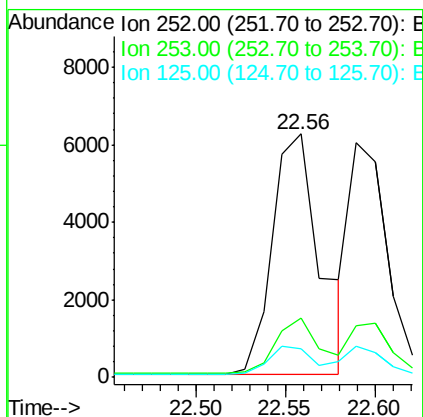
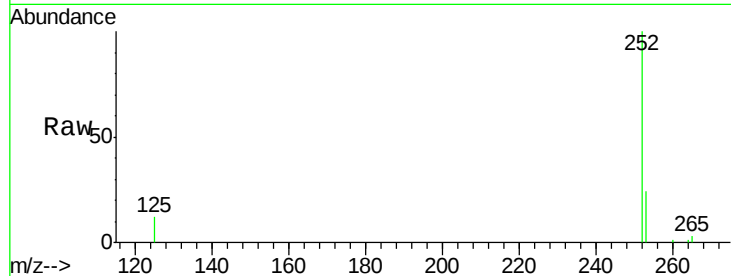




#31
Benzo(b)fluoranthene
Concen: 1.05 ng
RT: 22.56 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BM001344.D
Acq: 19 May 2015 12:26

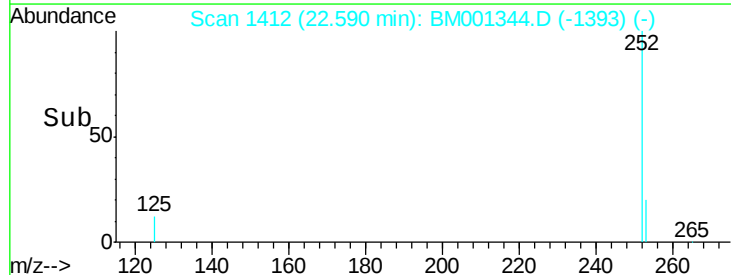
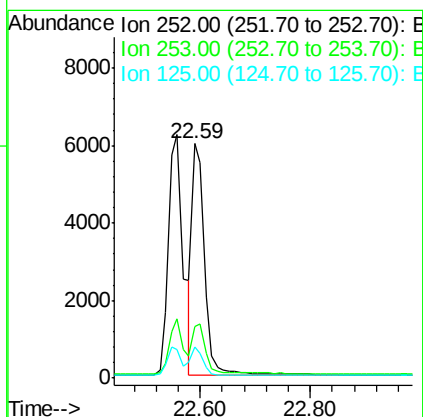
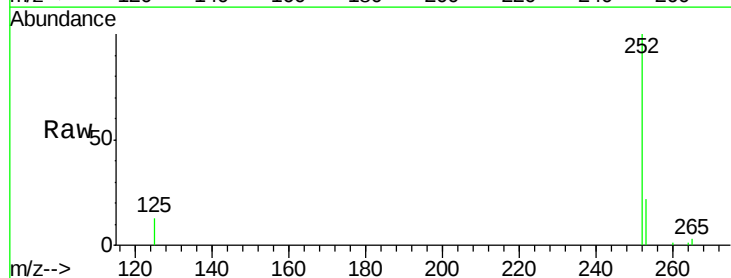
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

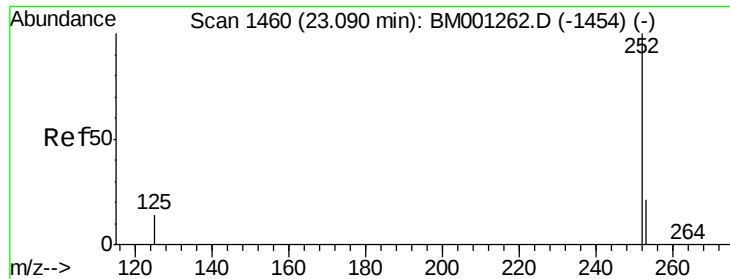
Tgt Ion:252 Resp: 11645
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 11.8 10.4 15.6



#32
Benzo(k)fluoranthene
Concen: 0.89 ng
RT: 22.59 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BM001344.D
Acq: 19 May 2015 12:26

Tgt Ion:252 Resp: 9368
Ion Ratio Lower Upper
252 100
253 21.9 18.6 27.8
125 13.3 10.2 15.4





#33

Benzo(a)pyrene

Concen: 0.94 ng

RT: 23.09 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

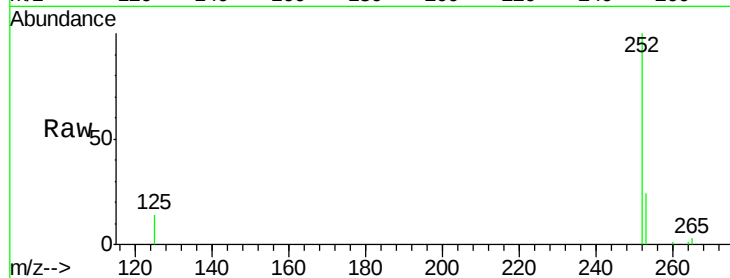
Tgt Ion:252 Resp: 9080

Ion Ratio Lower Upper

252 100

253 24.1 18.3 27.5

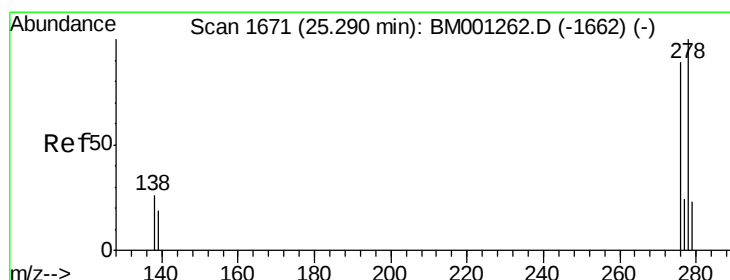
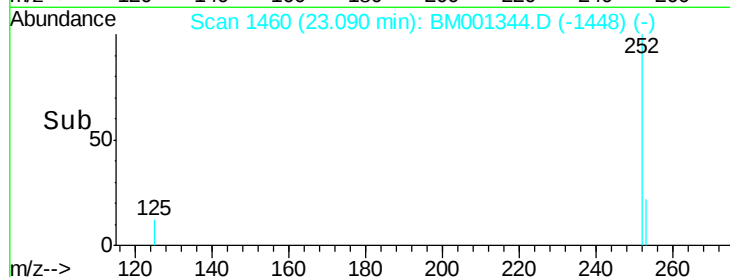
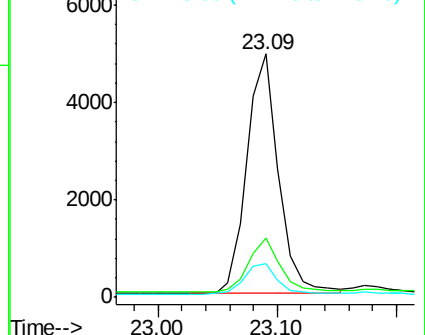
125 13.6 12.2 18.2



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: 0.98 ng

RT: 25.28 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BM001344.D

Acq: 19 May 2015 12:26

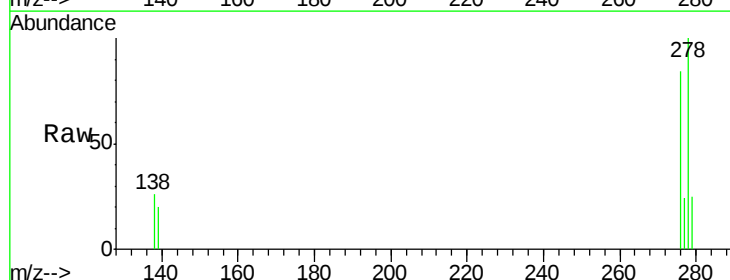
Tgt Ion:278 Resp: 8849

Ion Ratio Lower Upper

278 100

139 20.3 16.6 24.8

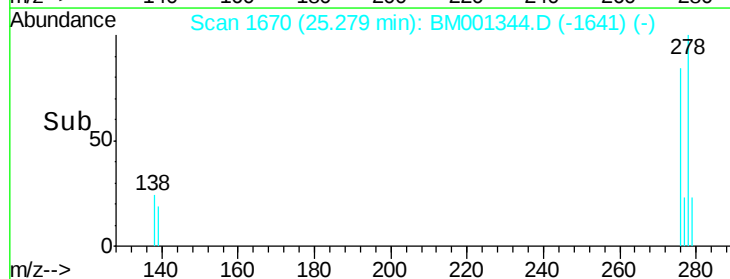
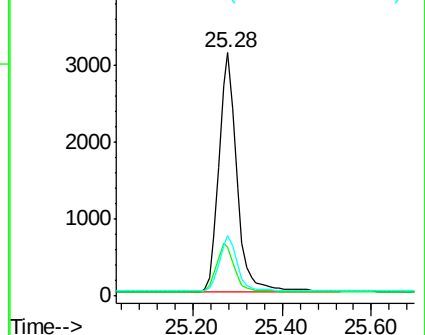
279 24.7 20.0 30.0

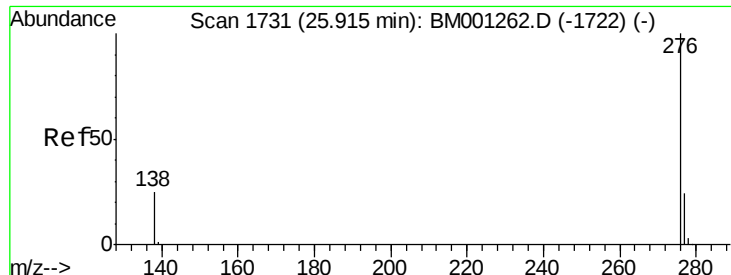


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.99 ng

RT: 25.89 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BM001344.D

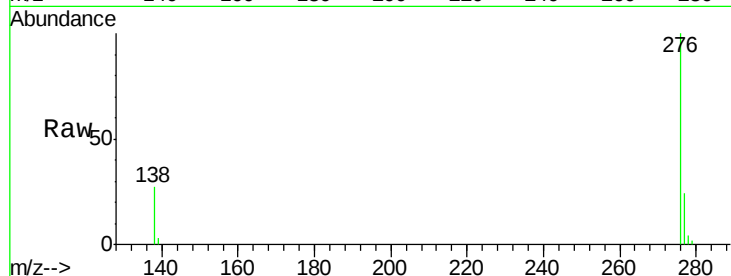
Acq: 19 May 2015 12:26

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



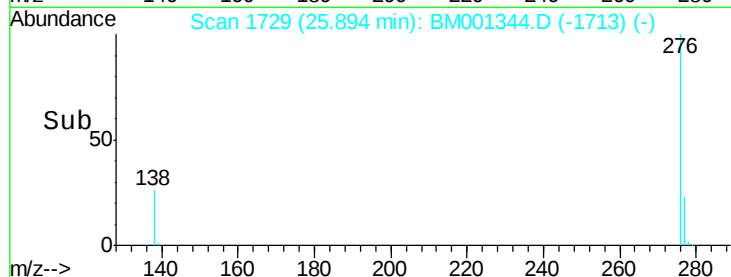
Tgt Ion: 276 Resp: 9820

Ion Ratio Lower Upper

276 100

277 24.2 19.9 29.9

138 27.4 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

