

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
 Data File : BM001604.D
 Acq On : 09 Jun 2015 03:36
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM060815

Quant Time: Jun 09 18:08:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 17:36:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	17987	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	63341	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	28826	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	36609	5.00	ng	0.03
25) Chrysene-d12	21.28	240	48354	5.00	ng	0.00
32) Perylene-d12	23.51	264	45168	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	4185	1.02	ng	-0.02
5) Phenol-d6	6.84	99	5064	1.01	ng	-0.02
7) Nitrobenzene-d5	8.85	82	4402	0.99	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	1239	1.01	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	9642	1.03	ng	0.00
27) Terphenyl-d14	19.72	244	6580	1.04	ng	0.00

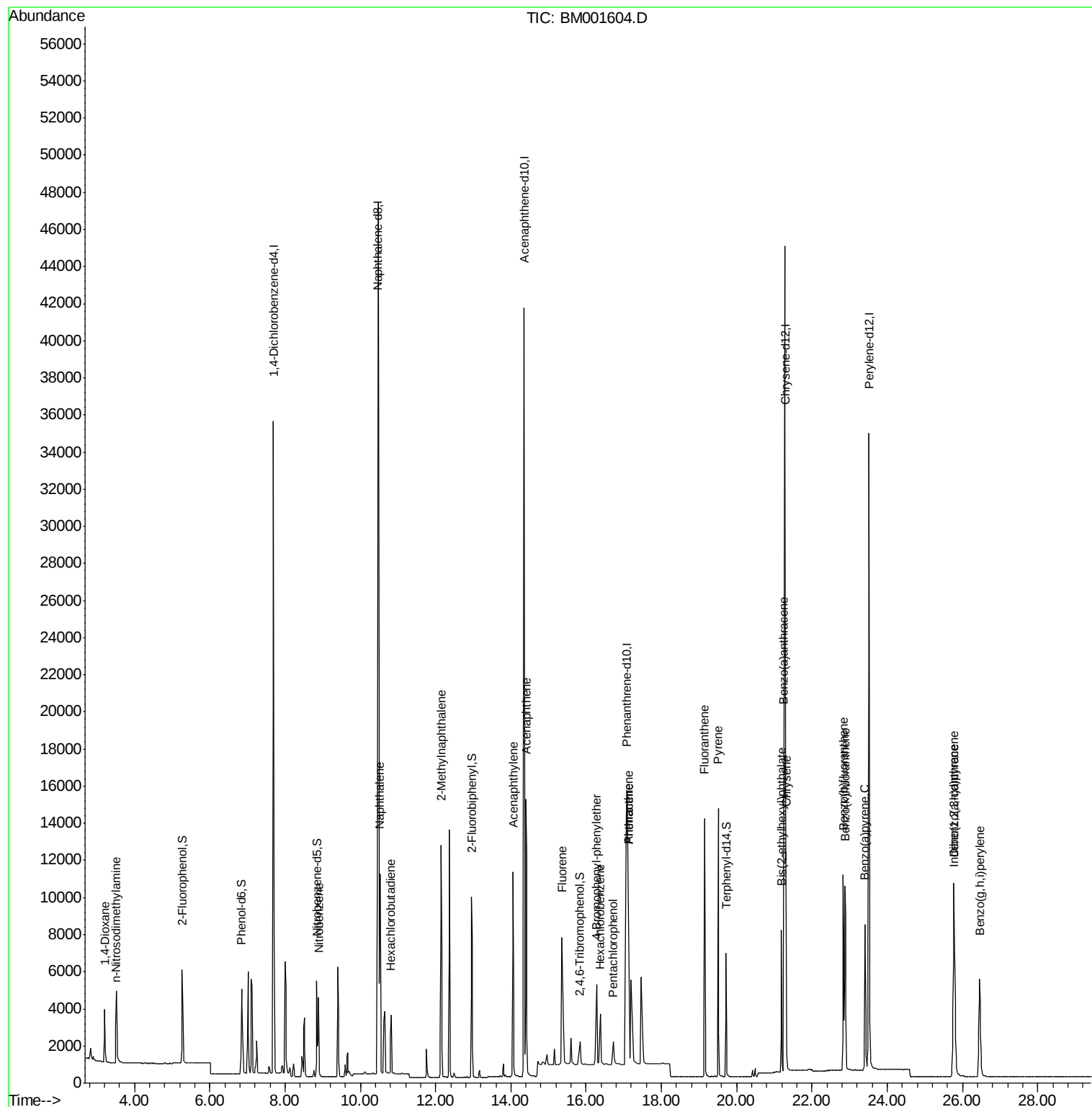
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	1939	0.98	ng	99
3) n-Nitrosodimethylamine	3.51	42	2972	1.05	ng	97
8) Nitrobenzene	8.89	77	4723	0.99	ng	99
9) Naphthalene	10.52	128	14579	1.03	ng	99
10) Hexachlorobutadiene	10.82	225	2468	1.01	ng	99
11) 2-Methylnaphthalene	12.15	142	8921	1.03	ng	97
15) Acenaphthylene	14.06	152	13102	1.01	ng	100
16) Acenaphthene	14.40	154	8429	1.04	ng	100
17) Fluorene	15.36	166	5903	1.07	ng	98
19) 4-Bromophenyl-phenylether	16.27	248	3812	1.10	ng	92
20) Hexachlorobenzene	16.38	284	2154	1.13	ng	# 76
21) Pentachlorophenol	16.72	266	717	1.13	ng	98
22) Phenanthrene	17.12	178	23732	1.82	ng	96
23) Anthracene	17.12	178	22805	2.94	ng	# 79
24) Fluoranthene	19.14	202	15230	1.08	ng	100
26) Pyrene	19.52	202	16069	1.03	ng	99
28) Benzo(a)anthracene	21.25	228	14094	1.00	ng	98
29) Chrysene	21.31	228	14024	1.05	ng	98
30) Bis(2-ethylhexyl)phthalate	21.19	149	7277	0.89	ng	99
31) Indeno(1,2,3-cd)pyrene	25.76	276	13114	0.97	ng	99
33) Benzo(b)fluoranthene	22.83	252	13169	0.97	ng	98
34) Benzo(k)fluoranthene	22.88	252	12709	0.97	ng	99
35) Benzo(a)pyrene	23.41	252	11294	0.94	ng	97
36) Dibenzo(a,h)anthracene	25.78	278	10108	0.92	ng	98
37) Benzo(g,h,i)perylene	26.46	276	11113	0.94	ng	99

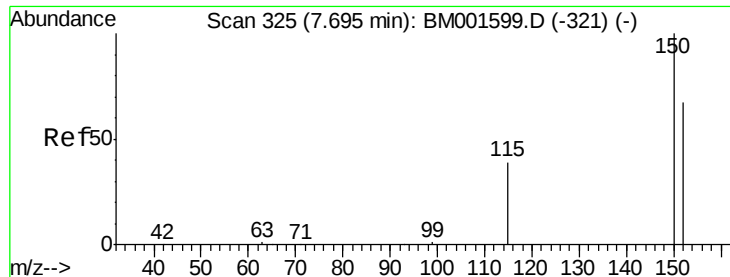
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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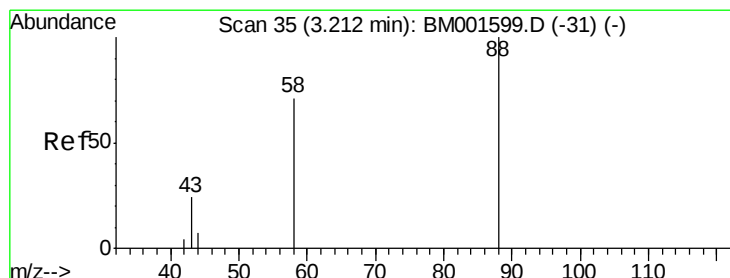
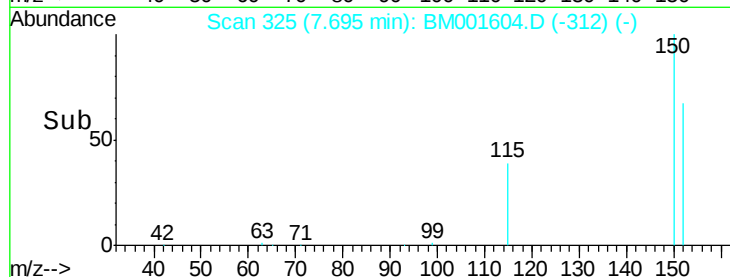
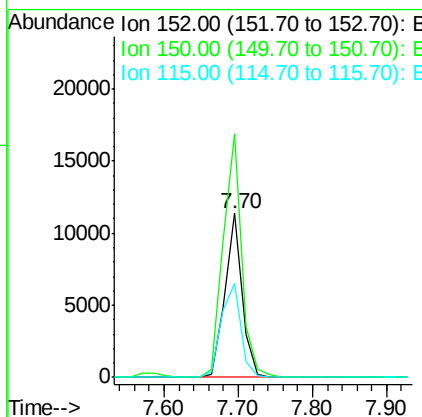
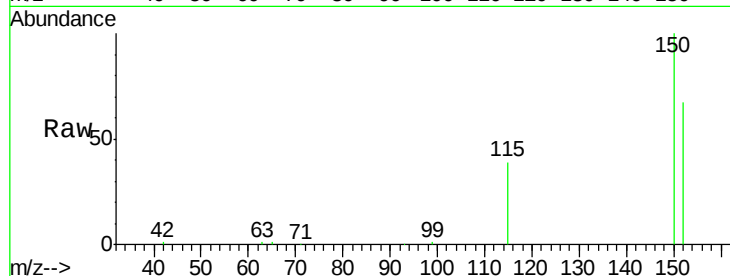




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.70 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: BM001604.D
 Acq: 09 Jun 2015 03:36

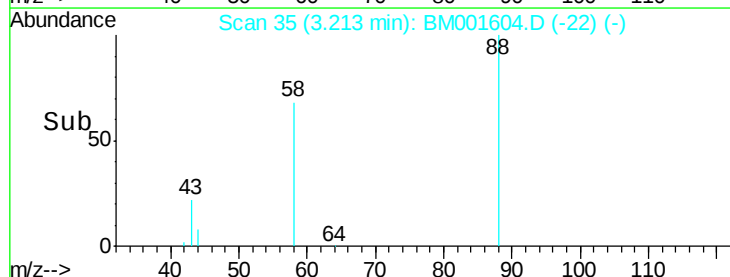
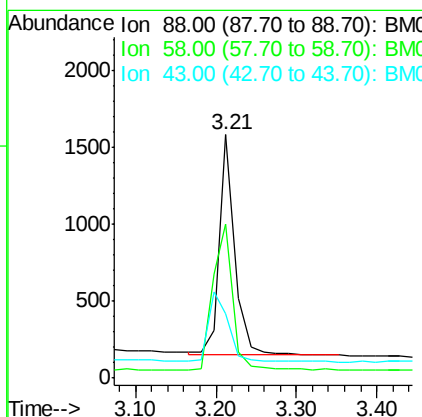
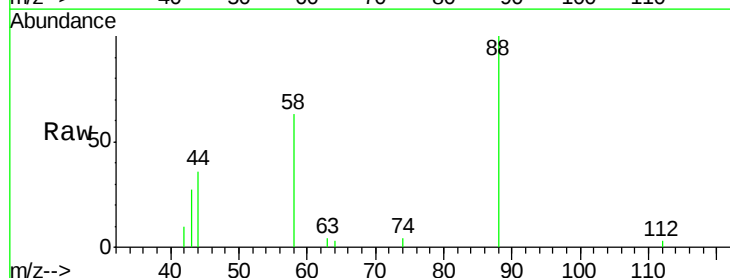
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM060815

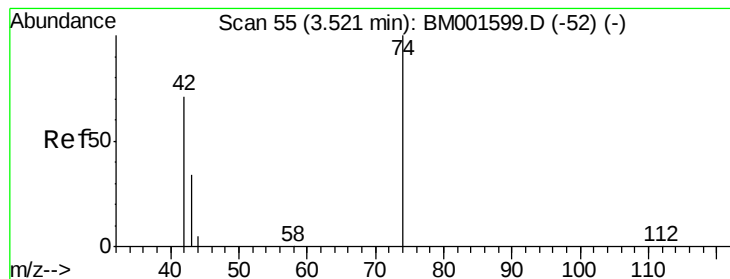
Tgt Ion: 152 Resp: 17987
 Ion Ratio Lower Upper
 152 100
 150 148.4 120.1 180.1
 115 57.5 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.98 ng
 RT: 3.21 min Scan# 35
 Delta R.T. 0.00 min
 Lab File: BM001604.D
 Acq: 09 Jun 2015 03:36

Tgt Ion: 88 Resp: 1939
 Ion Ratio Lower Upper
 88 100
 58 83.5 65.5 98.3
 43 40.7 32.2 48.2





#3

n-Nitrosodimethylamine

Concen: 1.05 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

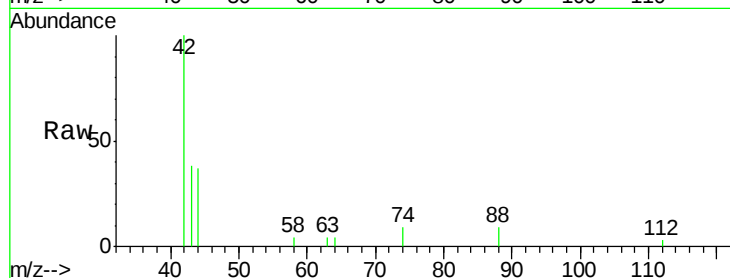
Tgt Ion: 42 Resp: 2972

Ion Ratio Lower Upper

42 100

74 96.3 79.5 119.3

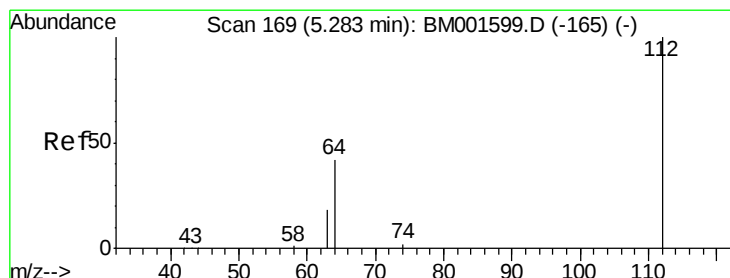
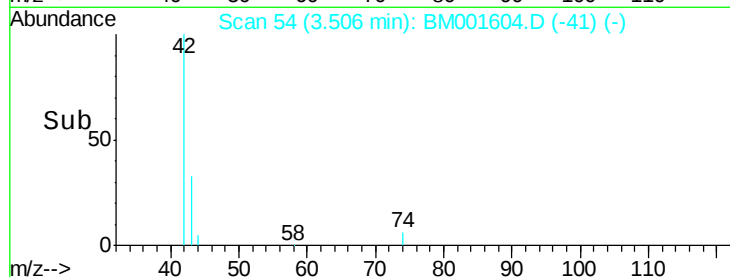
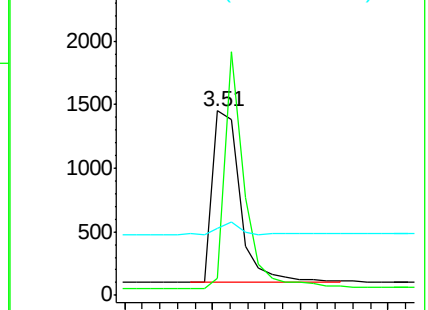
44 7.0 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BM001599.D (-52) (-)

Ion 74.00 (73.70 to 74.70): BM001599.D (-52) (-)

Ion 44.00 (43.70 to 44.70): BM001599.D (-52) (-)



#4

2-Fluorophenol

Concen: 1.02 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.02 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

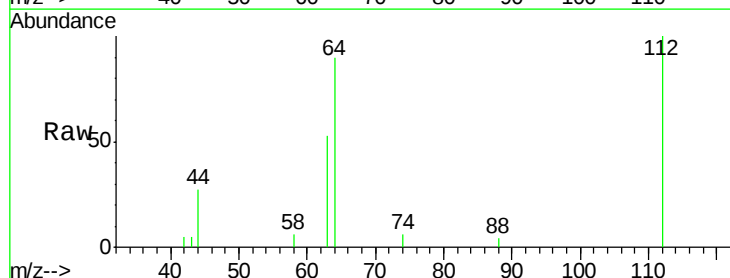
Tgt Ion: 112 Resp: 4185

Ion Ratio Lower Upper

112 100

64 68.3 54.8 82.2

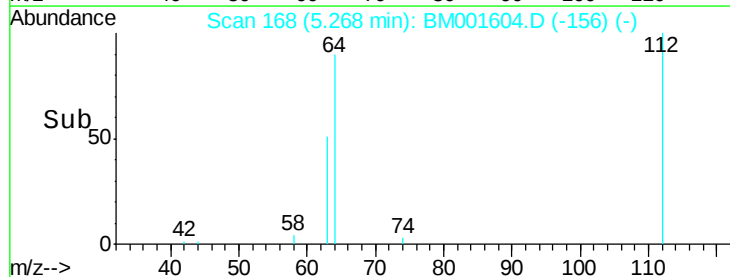
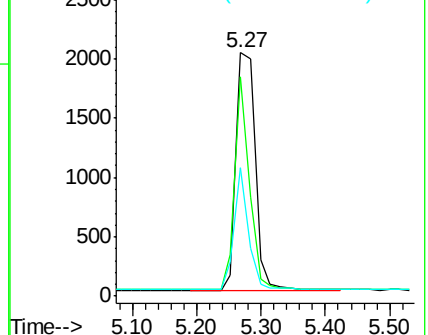
63 37.8 30.5 45.7

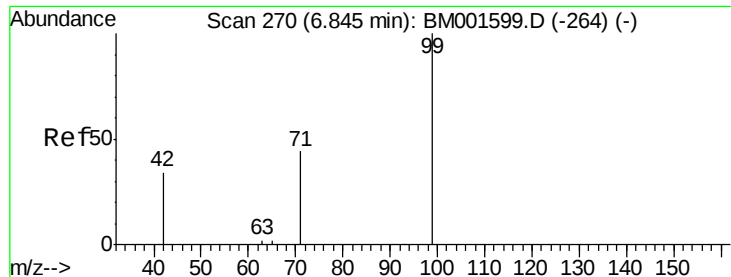


Abundance Ion 112.00 (111.70 to 112.70): BM001599.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001599.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001599.D (-165) (-)





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.02 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

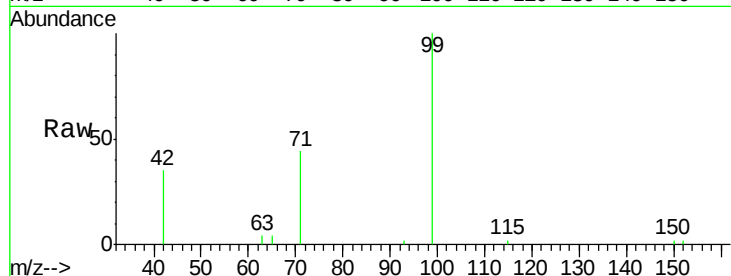
Tgt Ion: 99 Resp: 5064

Ion Ratio Lower Upper

99 100

42 27.3 21.6 32.4

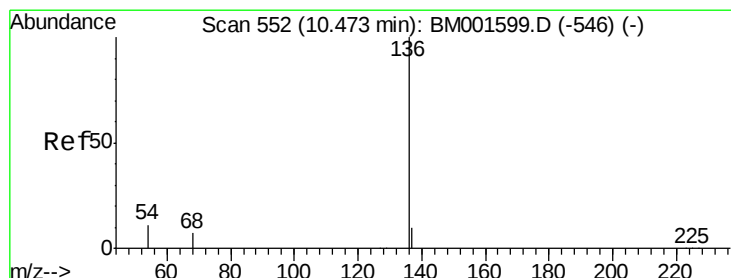
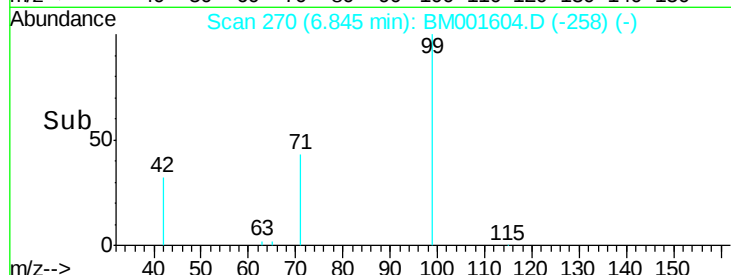
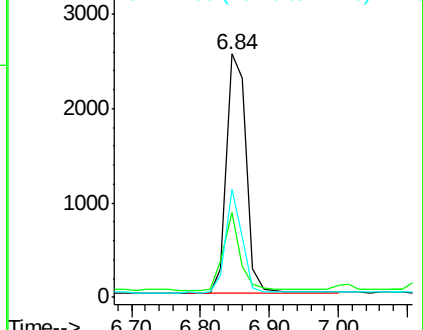
71 36.4 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001599.D (-264) (-)

Ion 42.00 (41.70 to 42.70): BM001599.D (-264) (-)

Ion 71.00 (70.70 to 71.70): BM001599.D (-264) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Tgt Ion: 136 Resp: 63341

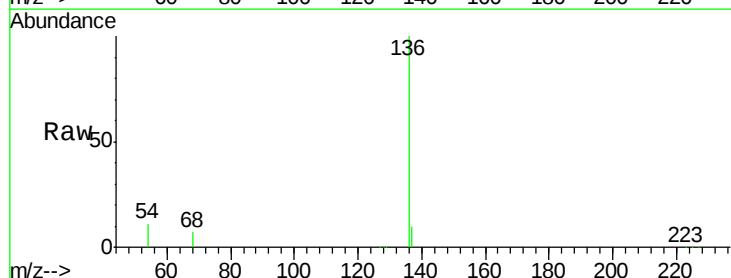
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 10.8 9.2 13.8

68 6.5 5.5 8.3

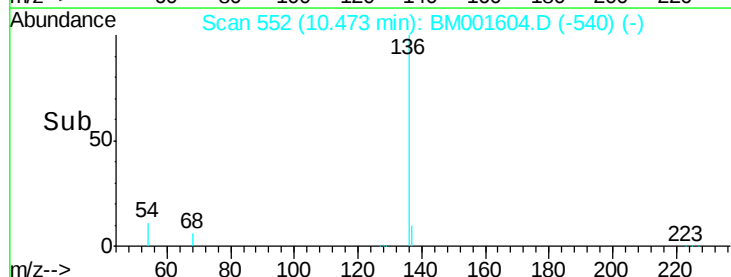
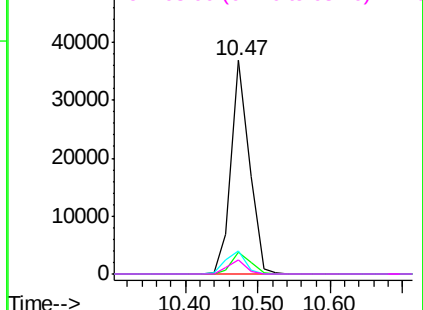


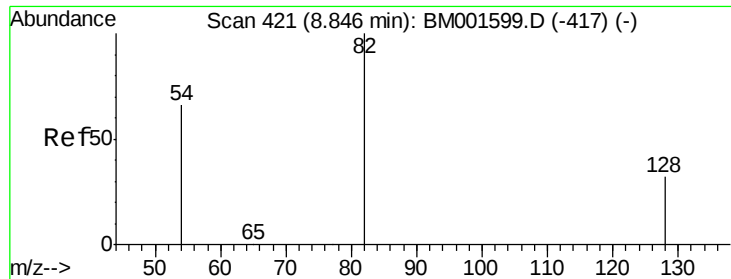
Abundance Ion 136.00 (135.70 to 136.70): BM001599.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001599.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001599.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 0.99 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

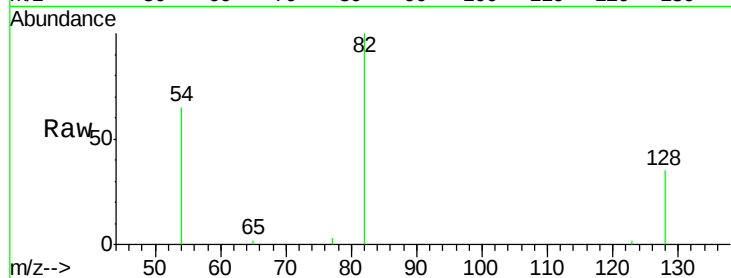
Tgt Ion: 82 Resp: 4402

Ion Ratio Lower Upper

82 100

128 34.6 26.6 40.0

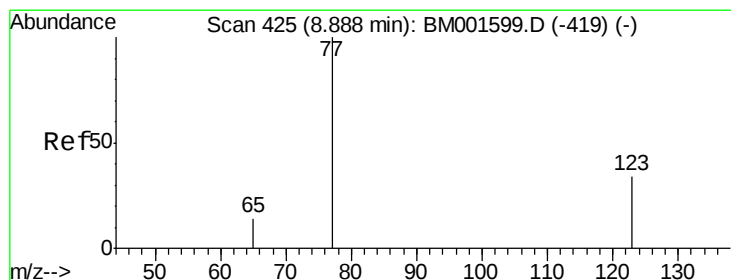
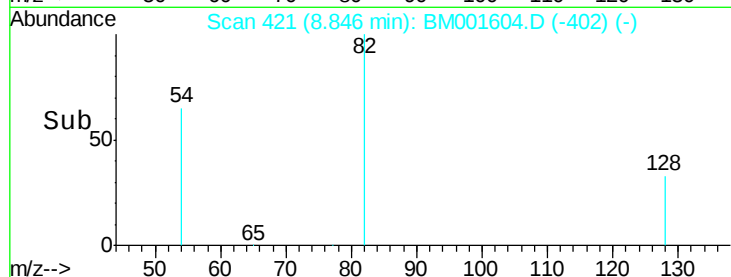
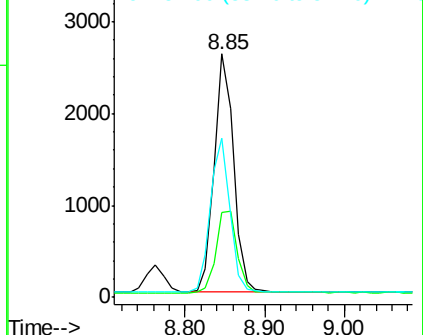
54 65.4 53.0 79.6



Abundance Ion 82.00 (81.70 to 82.70): BM001599.D (-417) (-)

Ion 128.00 (127.70 to 128.70): BM001599.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-417) (-)



#8

Nitrobenzene

Concen: 0.99 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

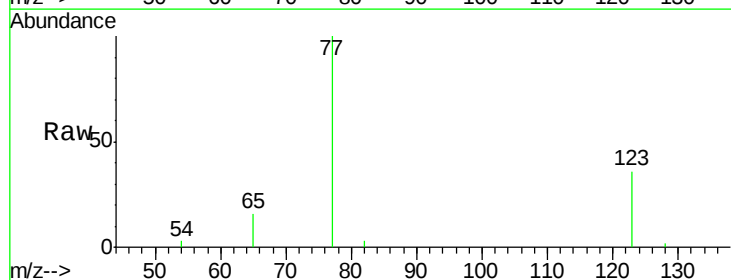
Tgt Ion: 77 Resp: 4723

Ion Ratio Lower Upper

77 100

123 38.3 31.0 46.6

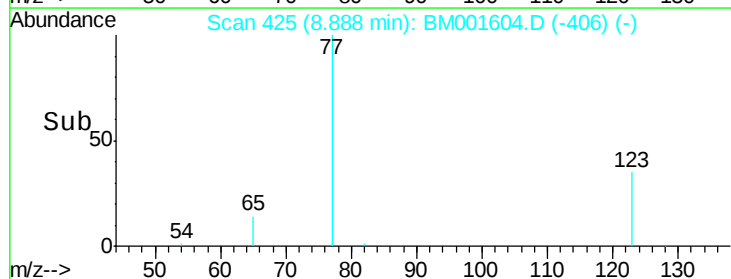
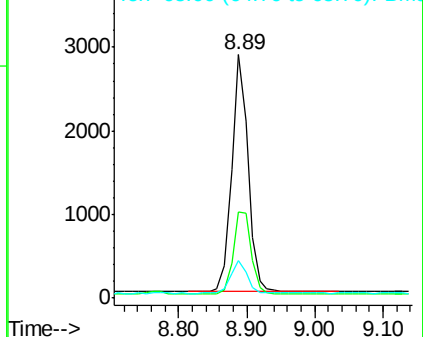
65 14.2 11.4 17.0

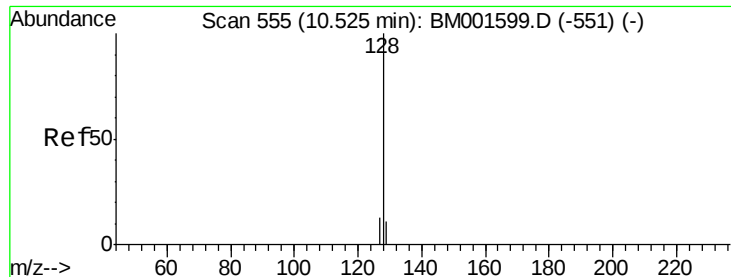


Abundance Ion 77.00 (76.70 to 77.70): BM001599.D (-419) (-)

Ion 123.00 (122.70 to 123.70): BM001599.D (-419) (-)

Ion 65.00 (64.70 to 65.70): BM001599.D (-419) (-)





#9

Naphthalene

Concen: 1.03 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

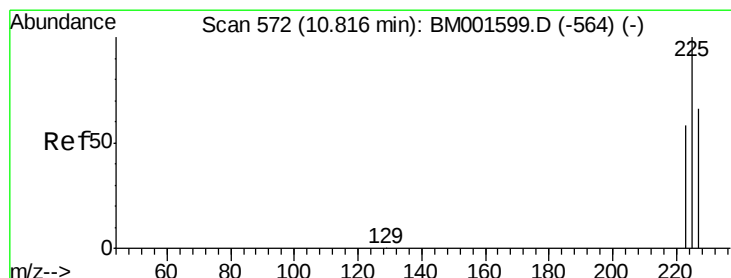
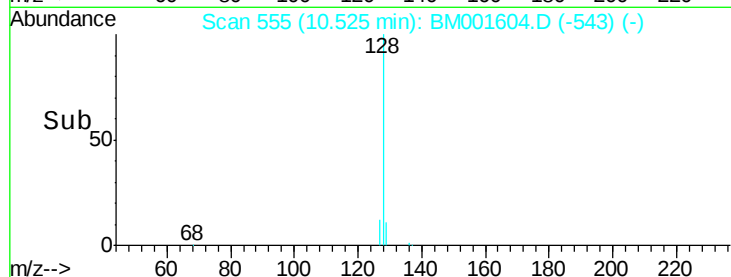
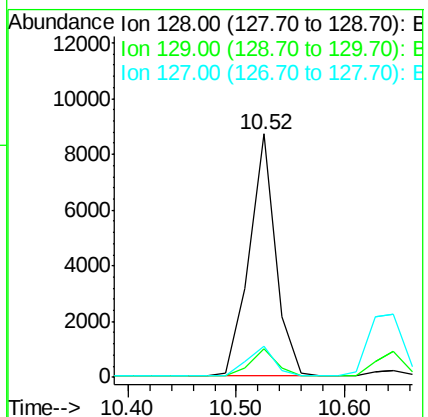
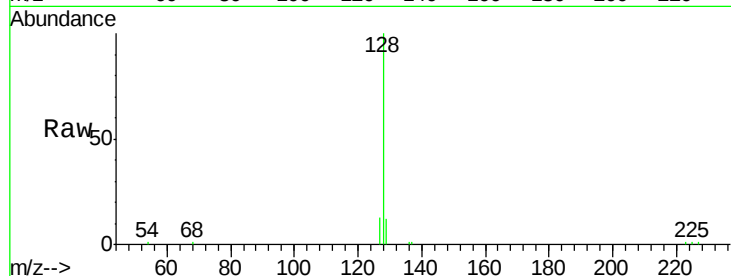
Tgt Ion:128 Resp: 14579

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 12.7 10.4 15.6



#10

Hexachlorobutadiene

Concen: 1.01 ng

RT: 10.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

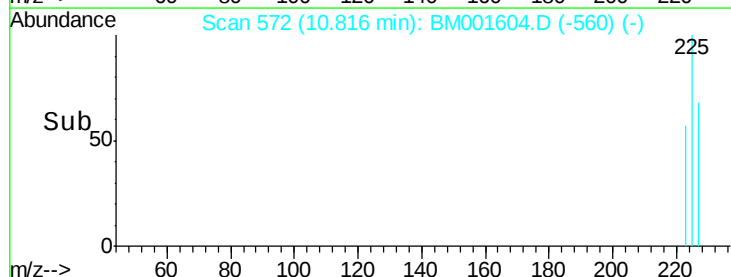
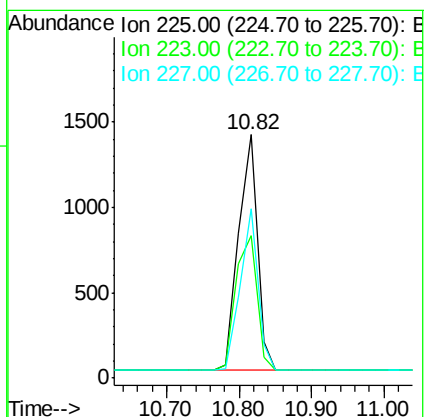
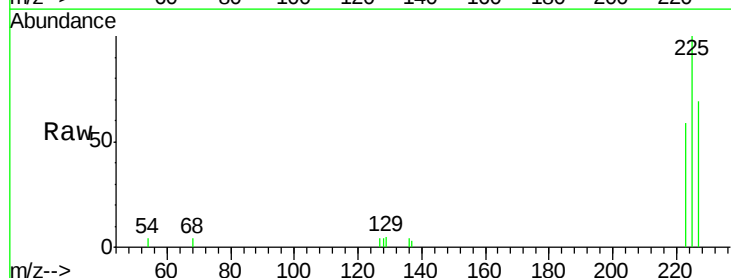
Tgt Ion:225 Resp: 2468

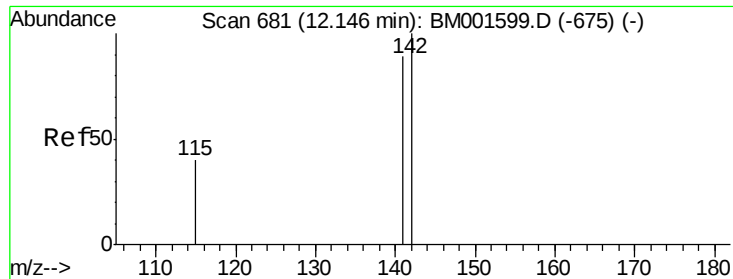
Ion Ratio Lower Upper

225 100

223 63.4 49.8 74.8

227 64.3 50.9 76.3

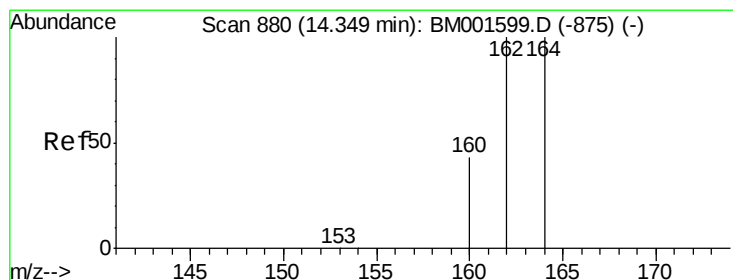
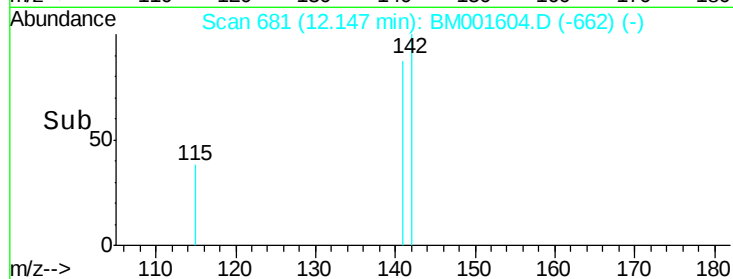
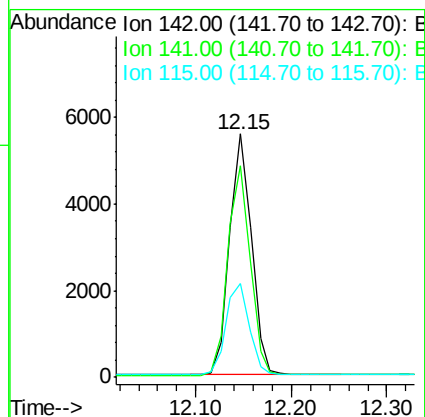
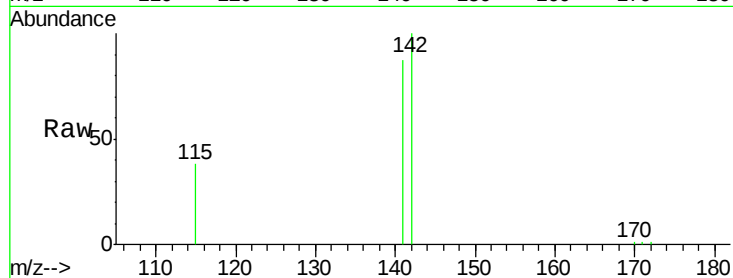




#11
2-Methylnaphthalene
Concen: 1.03 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM001604.D
Acq: 09 Jun 2015 03:36

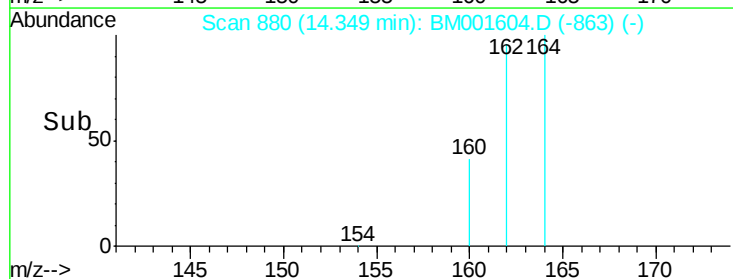
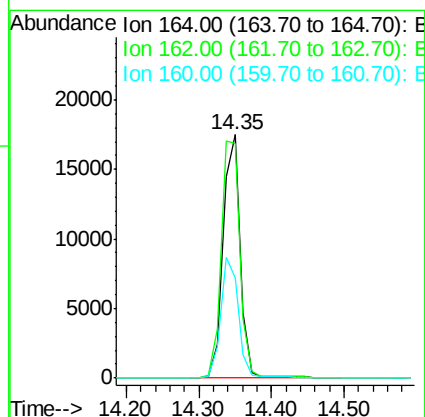
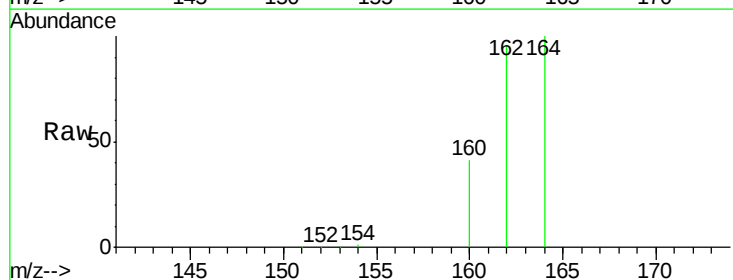
Instrument :
BNA_M
ClientSampleId :
ICVBM060815

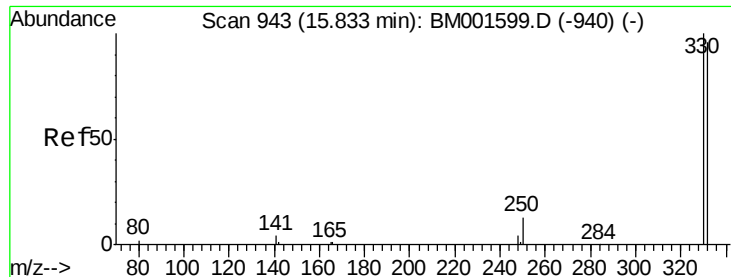
Tgt Ion:142 Resp: 8921
Ion Ratio Lower Upper
142 100
141 86.7 71.3 106.9
115 38.4 32.1 48.1



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.01 min
Lab File: BM001604.D
Acq: 09 Jun 2015 03:36

Tgt Ion:164 Resp: 28826
Ion Ratio Lower Upper
164 100
162 96.3 79.8 119.6
160 41.0 34.6 51.8

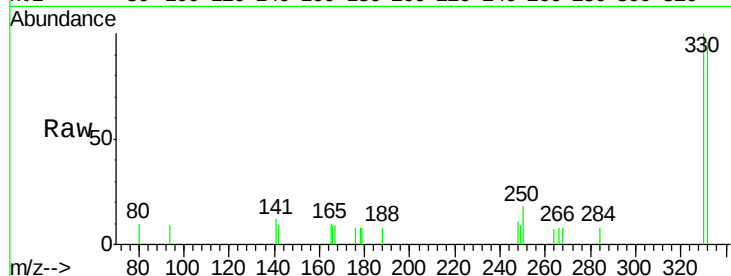




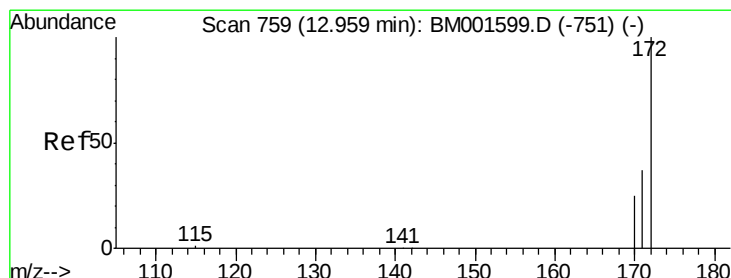
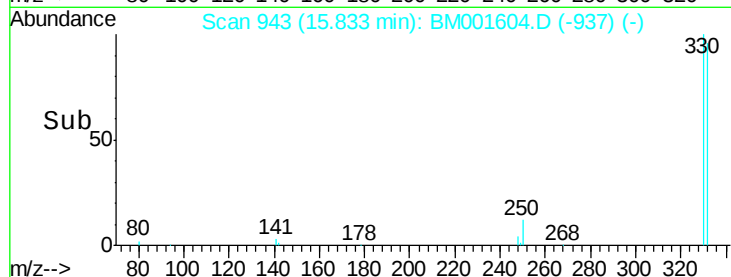
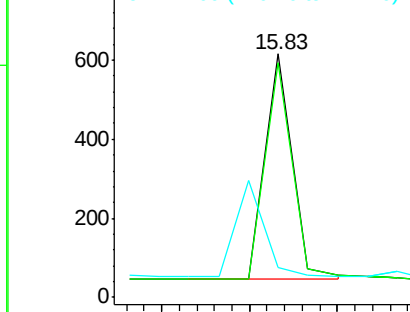
#13
 2,4,6-Tribromophenol
 Concen: 1.01 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BM001604.D
 Acq: 09 Jun 2015 03:36

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM060815

Tgt Ion:330 Resp: 1239
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.7 115.1
 141 0.0 0.0 0.0

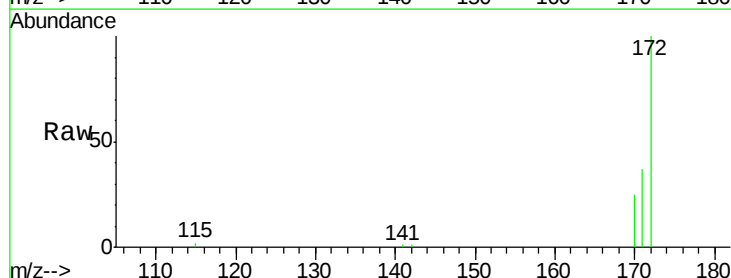


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

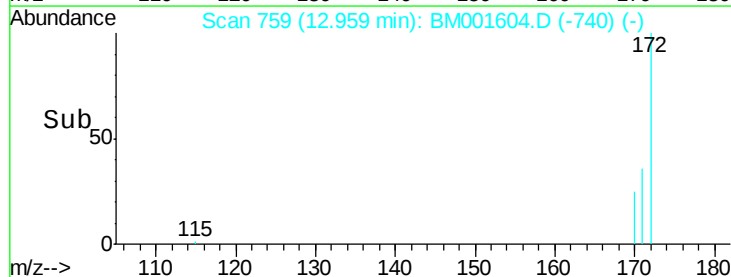
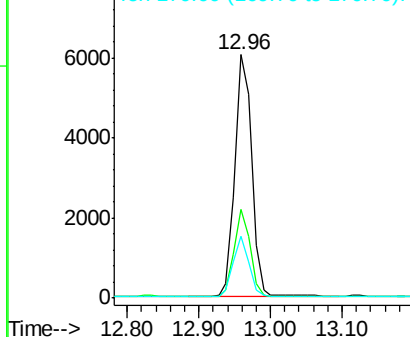


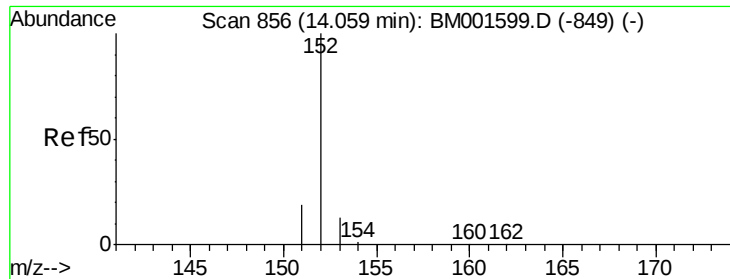
#14
 2-Fluorobiphenyl
 Concen: 1.03 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BM001604.D
 Acq: 09 Jun 2015 03:36

Tgt Ion:172 Resp: 9642
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 25.1 20.6 31.0



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

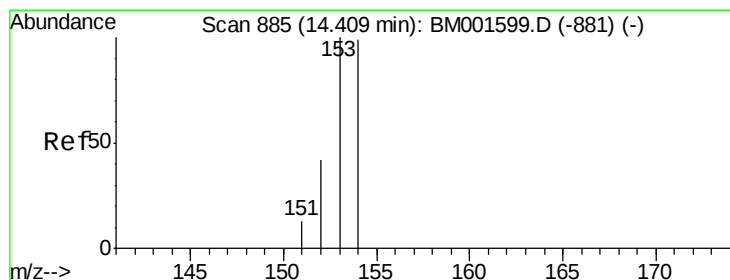
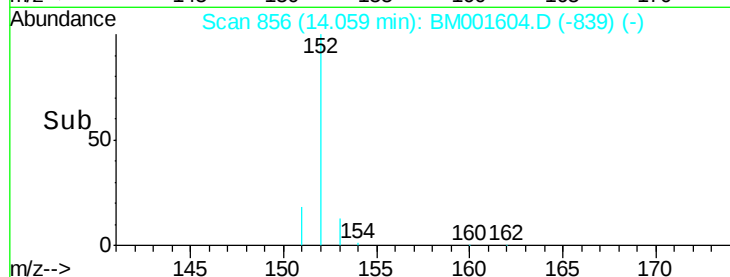
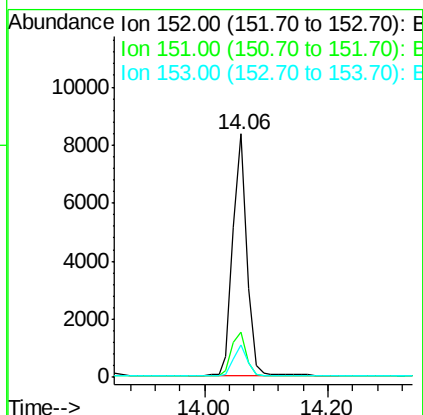
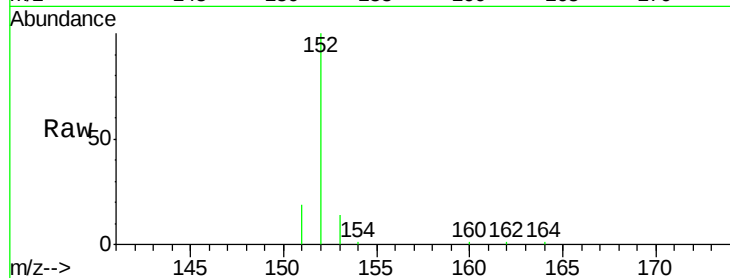




#15
Acenaphthylene
Concen: 1.01 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.01 min
Lab File: BM001604.D
Acq: 09 Jun 2015 03:36

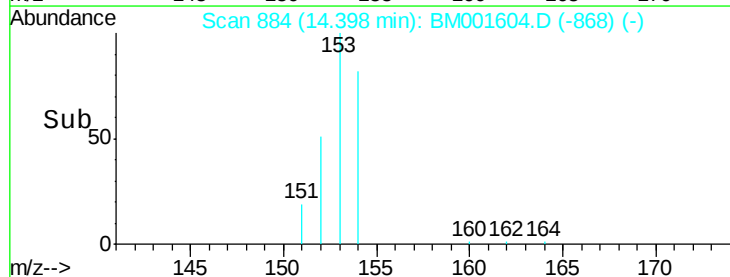
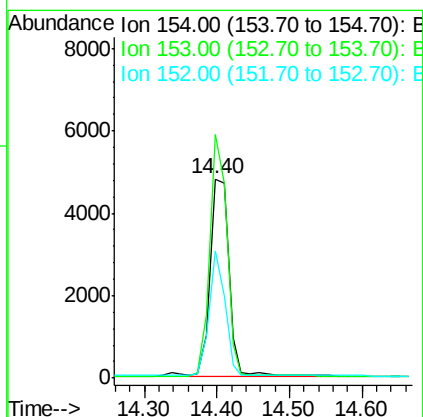
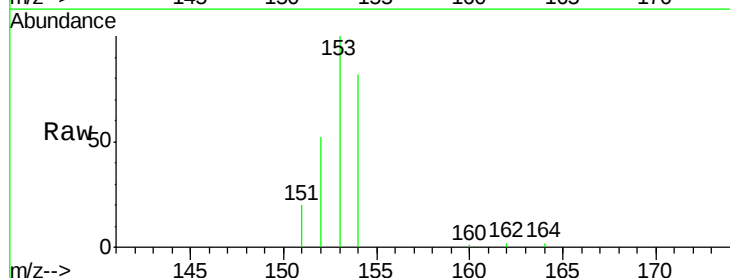
Instrument :
BNA_M
ClientSampleId :
ICVBM060815

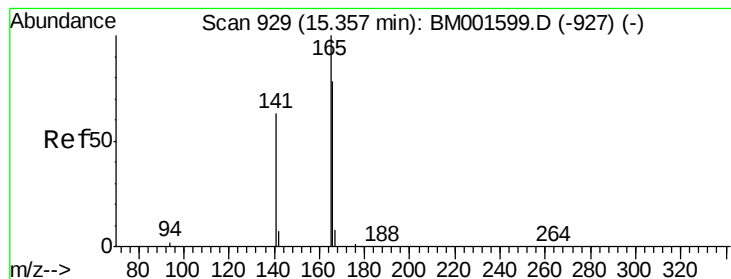
Tgt Ion:152 Resp: 13102
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 12.8 10.3 15.5



#16
Acenaphthene
Concen: 1.04 ng
RT: 14.40 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM001604.D
Acq: 09 Jun 2015 03:36

Tgt Ion:154 Resp: 8429
Ion Ratio Lower Upper
154 100
153 112.1 89.4 134.0
152 54.5 43.6 65.4





#17

Fluorene

Concen: 1.07 ng

RT: 15.36 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

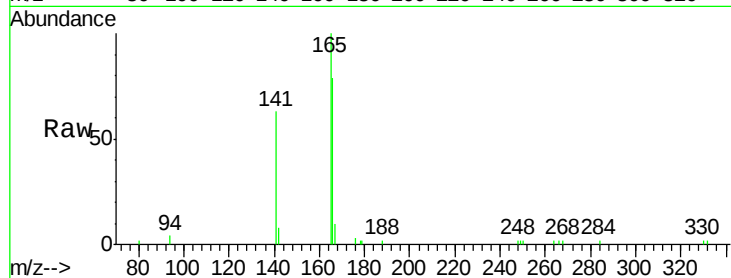
Tgt Ion:166 Resp: 5903

Ion Ratio Lower Upper

166 100

165 111.9 87.8 131.8

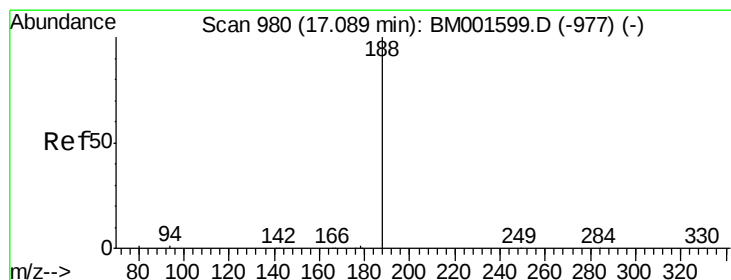
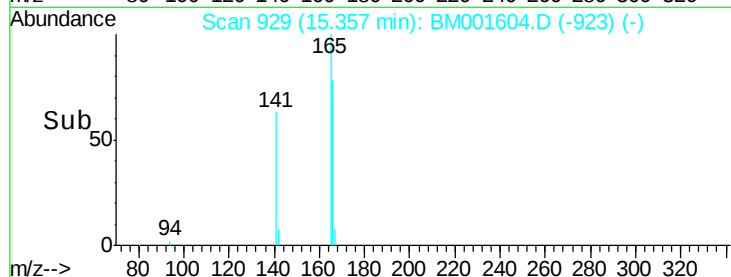
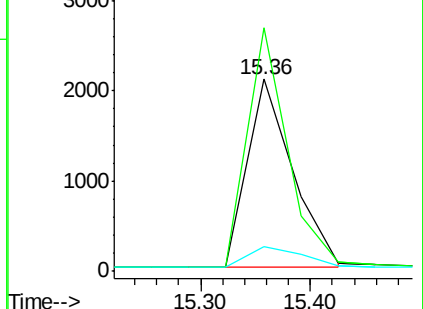
167 12.4 10.0 15.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.03 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

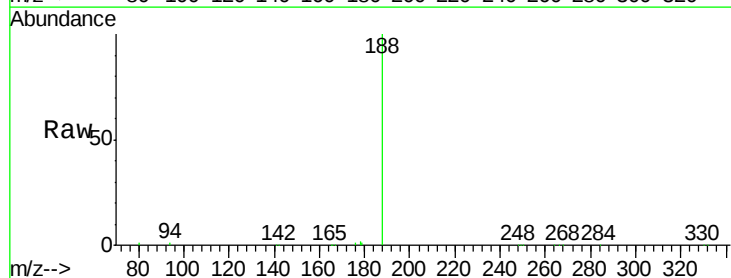
Tgt Ion:188 Resp: 36609

Ion Ratio Lower Upper

188 100

94 1.4 1.0 1.6

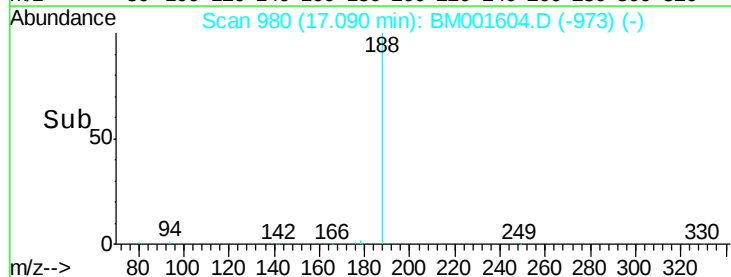
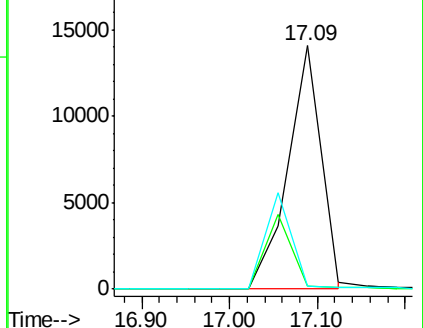
80 1.4 1.0 1.4

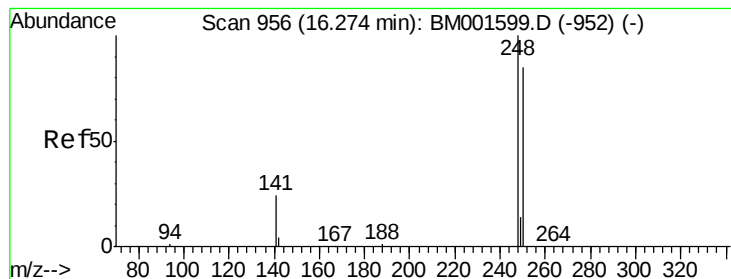


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 1.10 ng

RT: 16.27 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

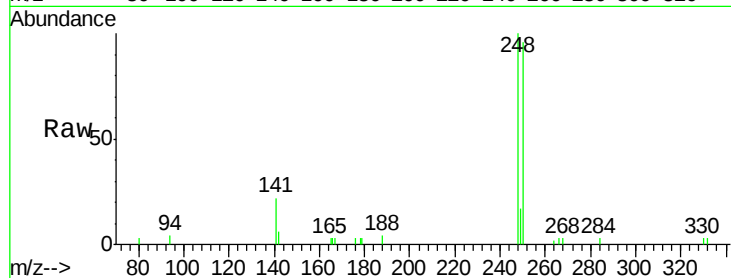
Tgt Ion:248 Resp: 3812

Ion Ratio Lower Upper

248 100

250 96.0 68.6 103.0

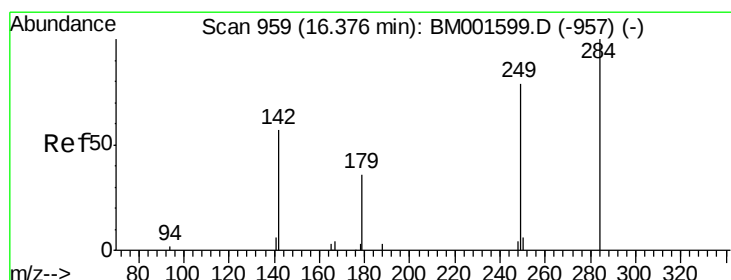
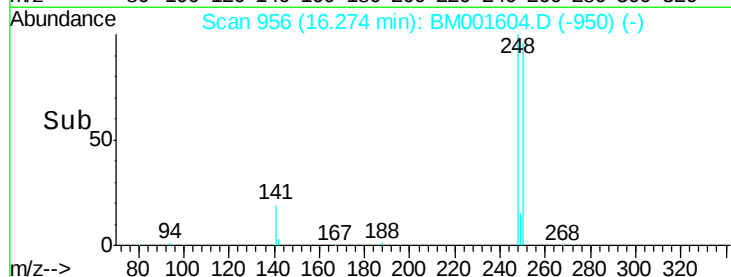
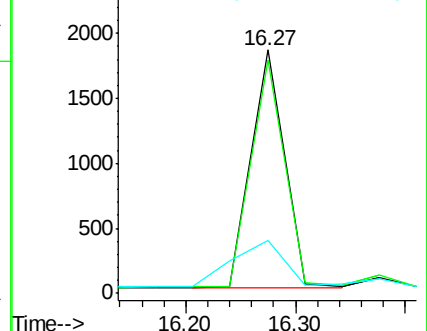
141 31.6 25.5 38.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 1.13 ng

RT: 16.38 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

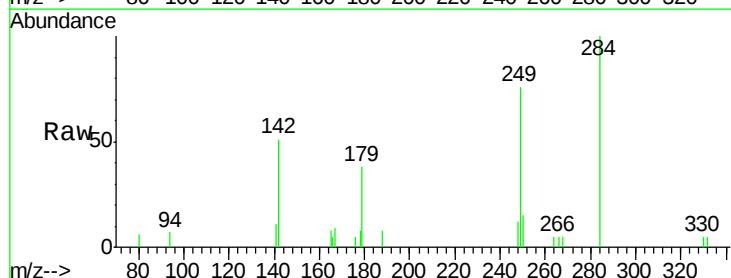
Tgt Ion:284 Resp: 2154

Ion Ratio Lower Upper

284 100

142 47.7 47.3 70.9

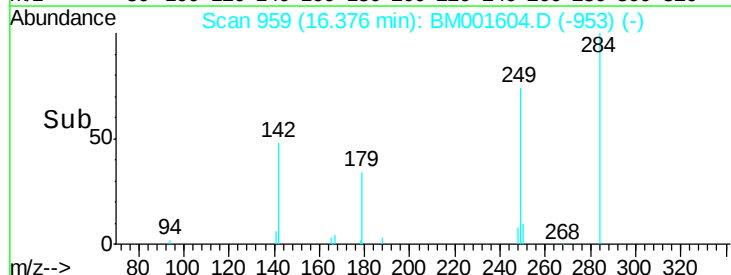
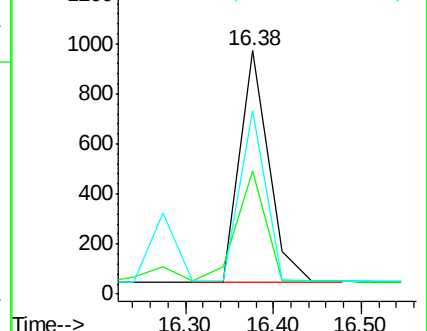
249 65.6 75.8 113.6#

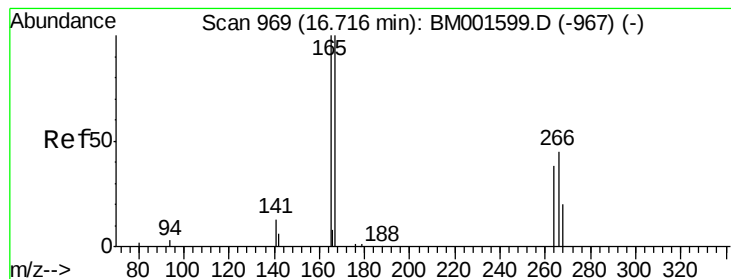


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 1.13 ng

RT: 16.72 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

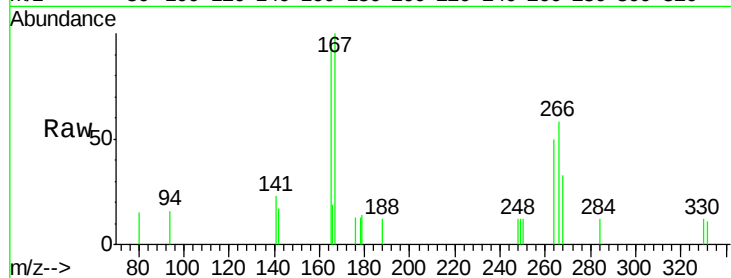
Tgt Ion:266 Resp: 717

Ion Ratio Lower Upper

266 100

268 56.4 45.8 68.8

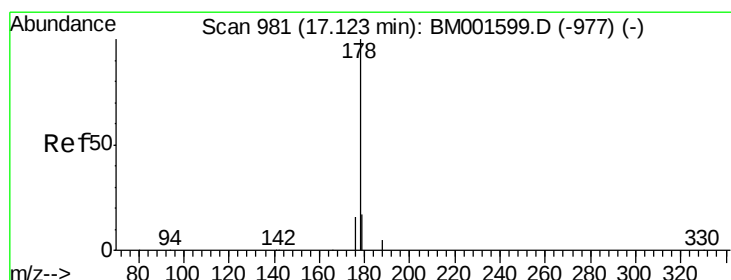
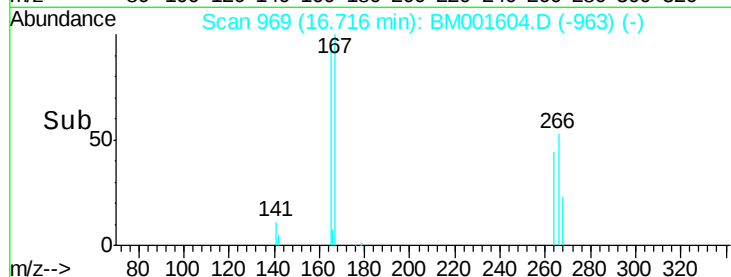
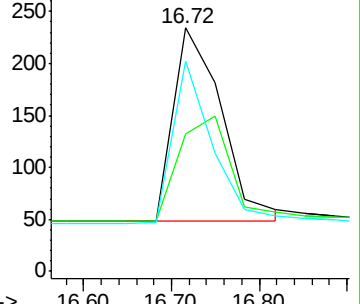
264 86.3 70.6 106.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 1.82 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

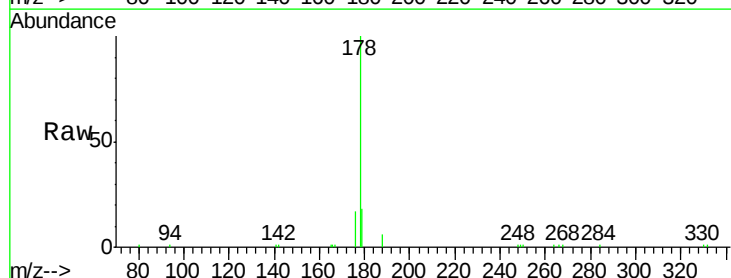
Tgt Ion:178 Resp: 23732

Ion Ratio Lower Upper

178 100

176 18.4 13.2 19.8

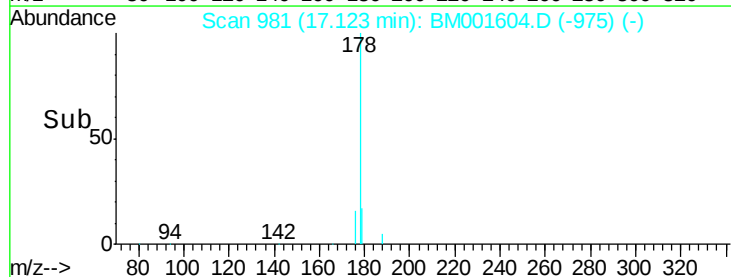
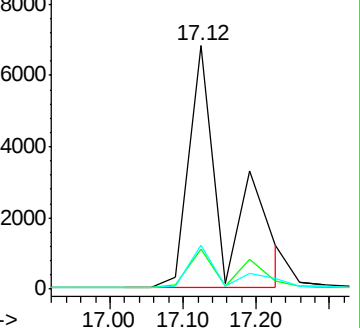
179 16.0 13.8 20.8

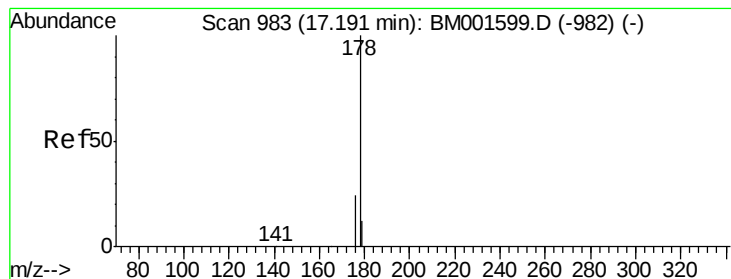


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 2.94 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

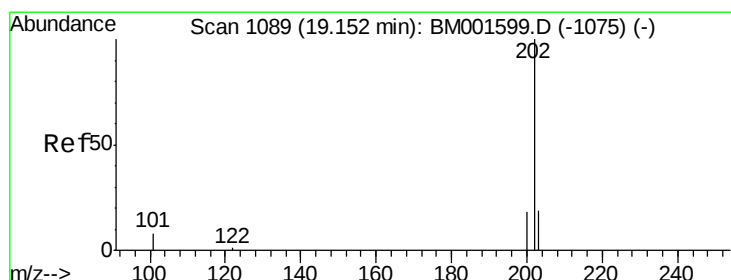
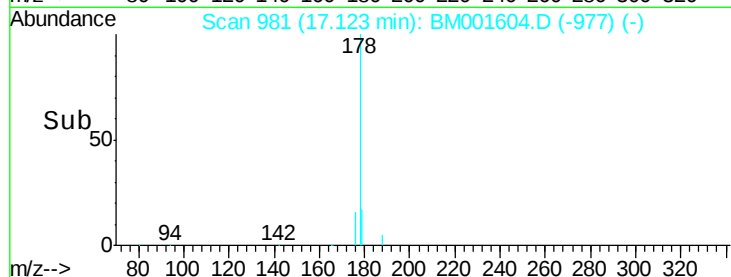
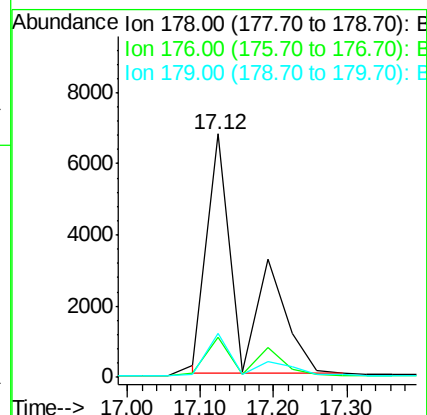
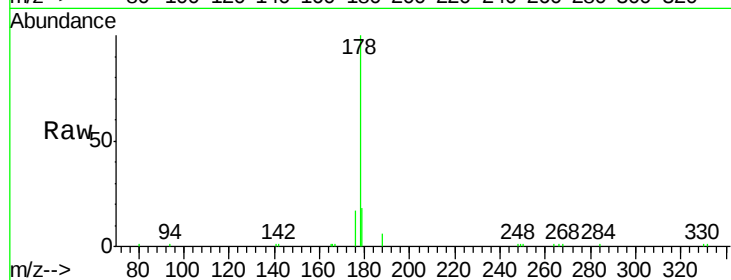
Tgt Ion:178 Resp: 22805

Ion Ratio Lower Upper

178 100

176 18.2 21.9 32.9#

179 15.9 23.0 34.4#



#24

Fluoranthene

Concen: 1.08 ng

RT: 19.14 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

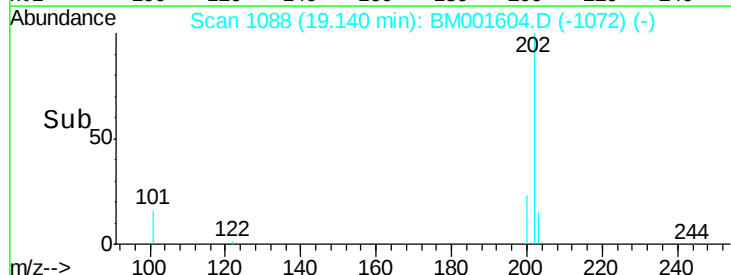
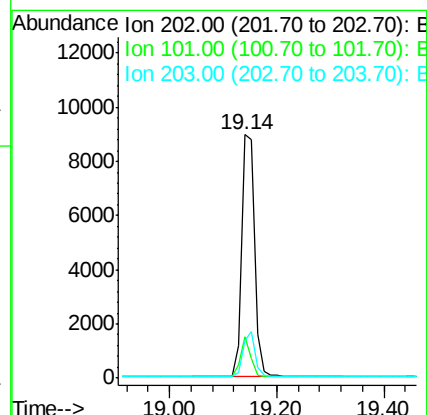
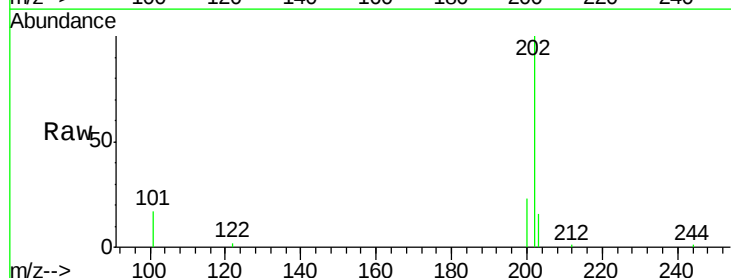
Tgt Ion:202 Resp: 15230

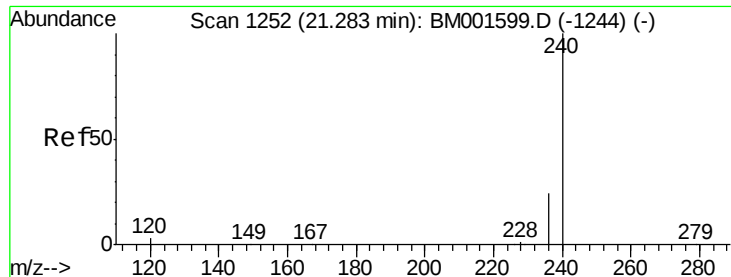
Ion Ratio Lower Upper

202 100

101 12.9 10.4 15.6

203 17.3 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

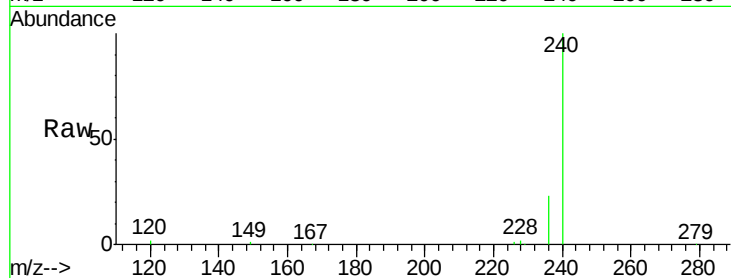
Tgt Ion:240 Resp: 48354

Ion Ratio Lower Upper

240 100

120 2.0 2.2 3.4#

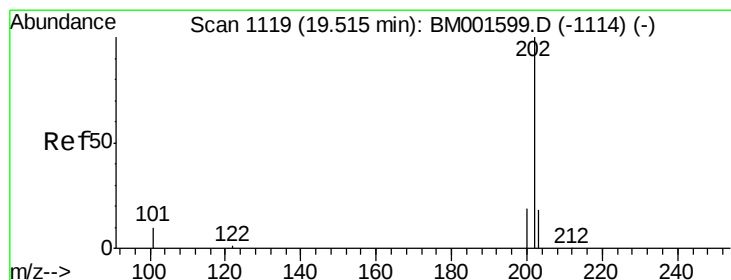
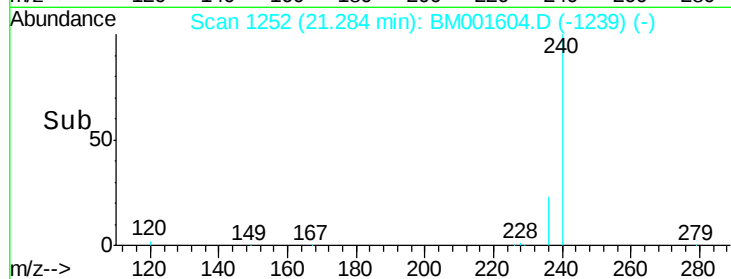
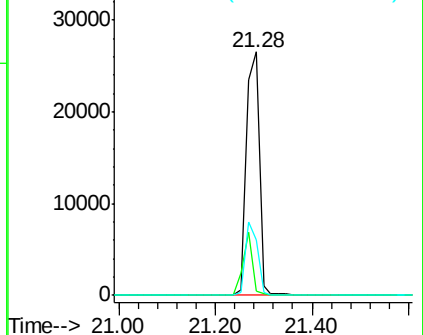
236 22.8 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.03 ng

RT: 19.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

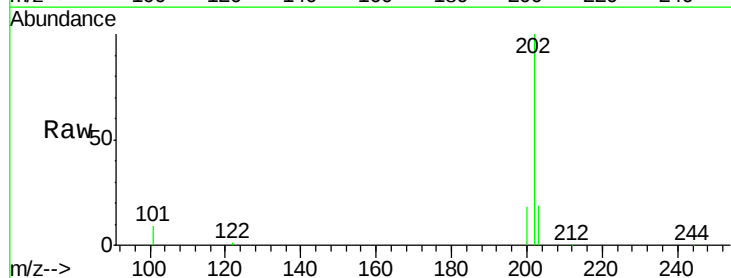
Tgt Ion:202 Resp: 16069

Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

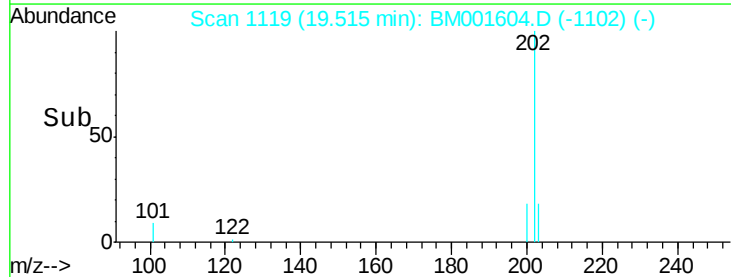
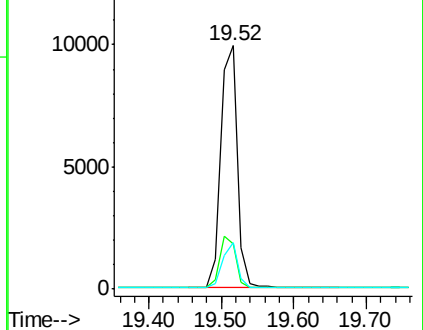
203 17.2 14.0 21.0

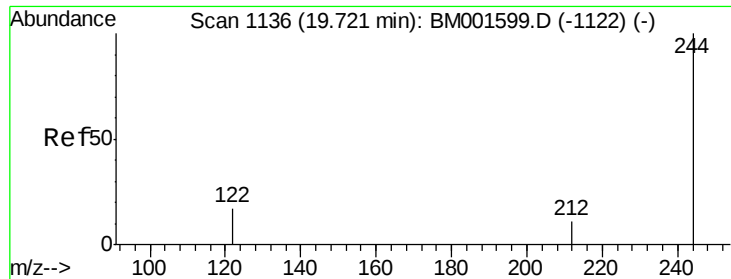


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 1.04 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

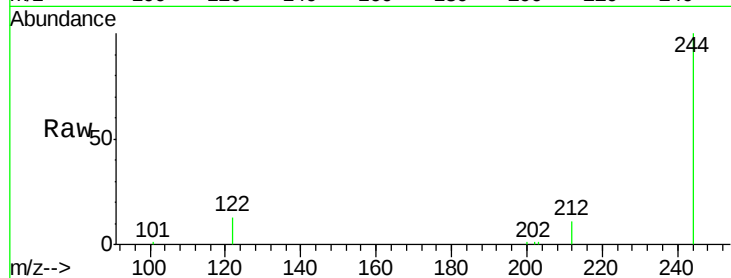
Tgt Ion:244 Resp: 6580

Ion Ratio Lower Upper

244 100

212 10.9 9.2 13.8

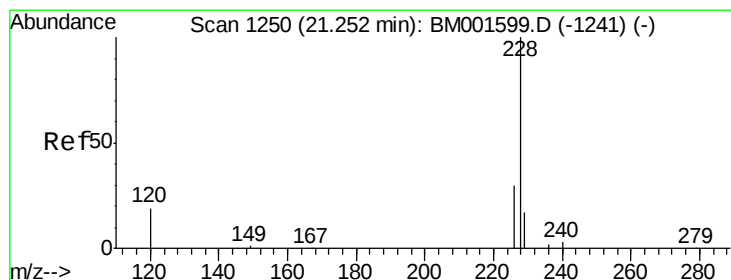
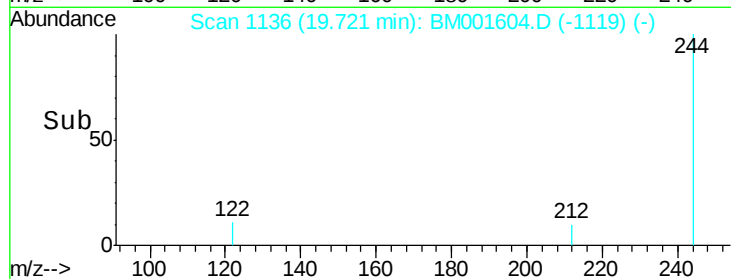
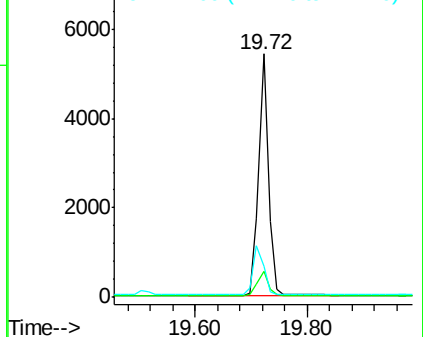
122 12.8 14.5 21.7#



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



#28

Benzo(a)anthracene

Concen: 1.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

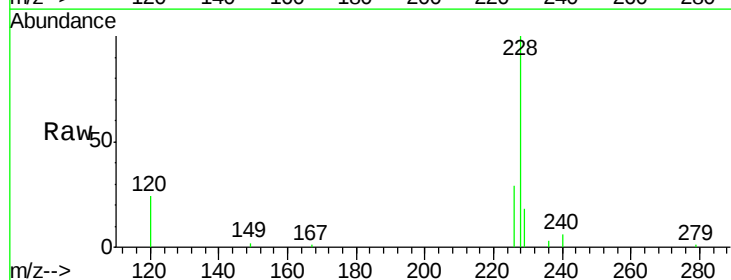
Tgt Ion:228 Resp: 14094

Ion Ratio Lower Upper

228 100

226 29.4 24.6 37.0

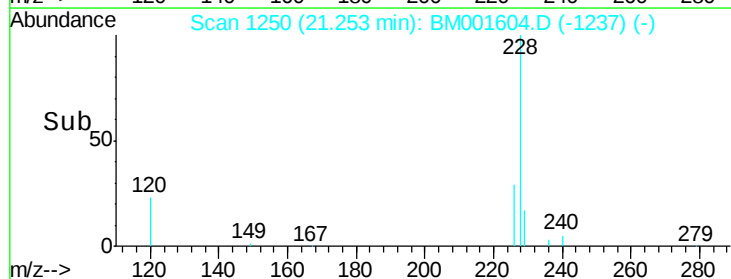
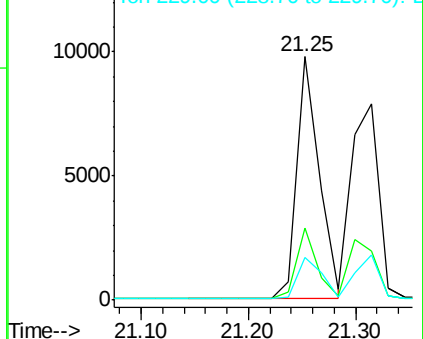
229 17.6 13.8 20.8

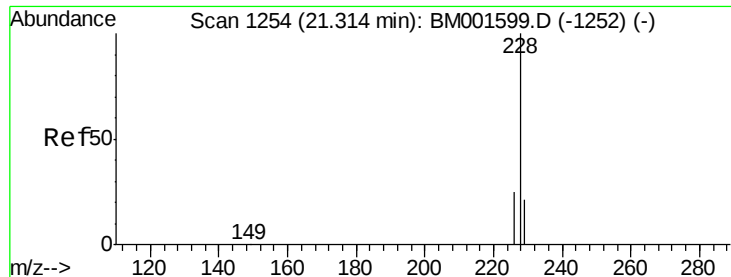


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 1.05 ng

RT: 21.31 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

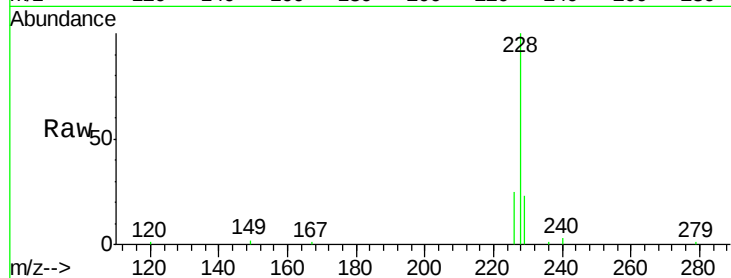
Tgt Ion:228 Resp: 14024

Ion Ratio Lower Upper

228 100

226 25.1 20.6 31.0

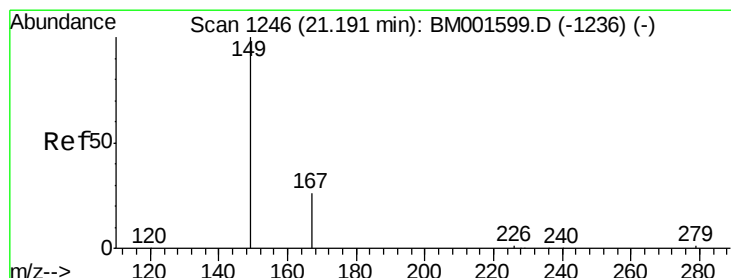
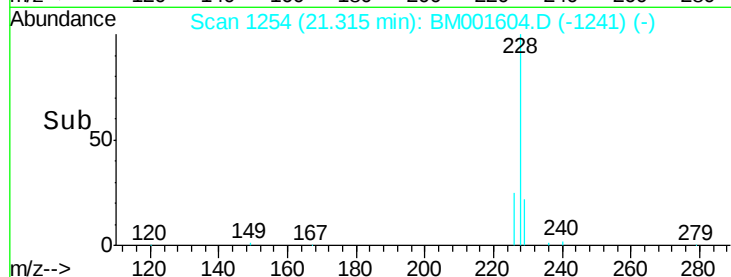
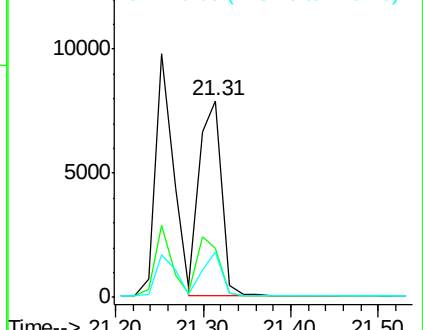
229 22.8 17.4 26.2



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.89 ng

RT: 21.19 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

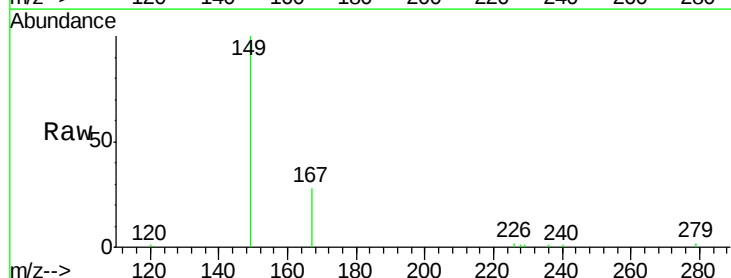
Tgt Ion:149 Resp: 7277

Ion Ratio Lower Upper

149 100

167 25.6 20.2 30.4

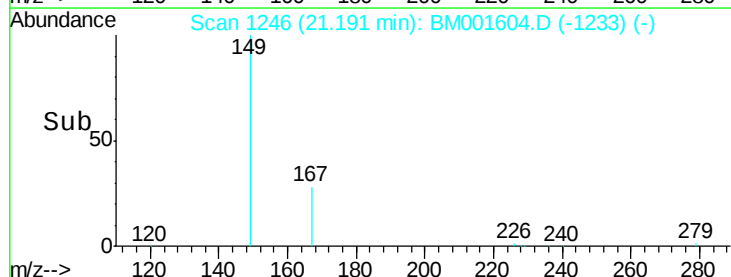
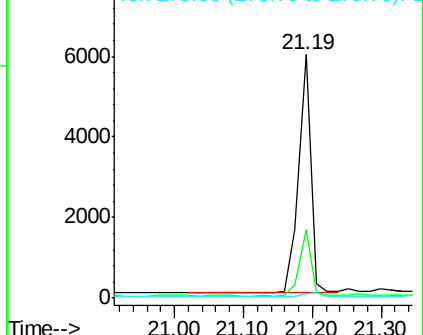
279 1.9 1.7 2.5

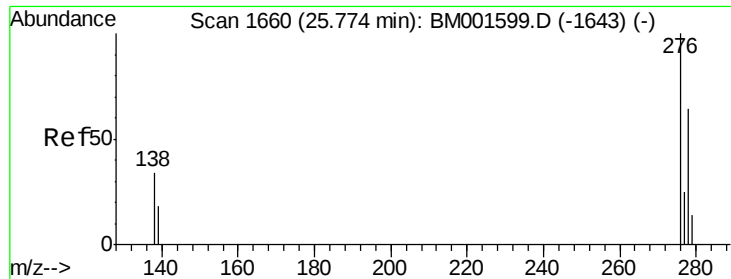


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.97 ng

RT: 25.76 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

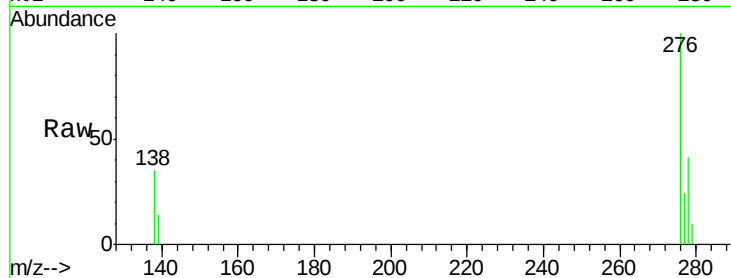
Tgt Ion: 276 Resp: 13114

Ion Ratio Lower Upper

276 100

138 35.6 28.2 42.2

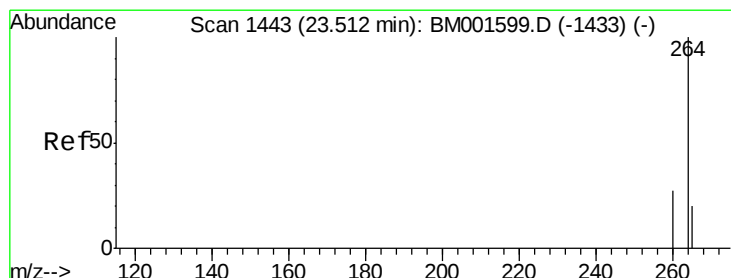
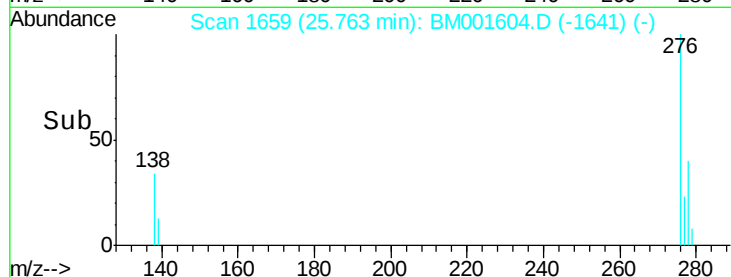
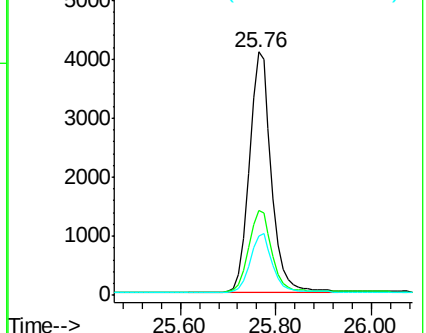
277 24.6 19.4 29.2



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

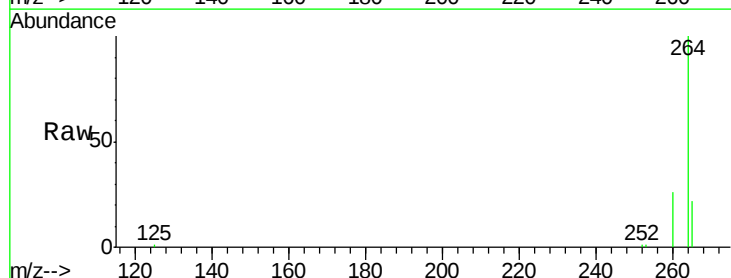
Tgt Ion: 264 Resp: 45168

Ion Ratio Lower Upper

264 100

260 26.1 21.8 32.6

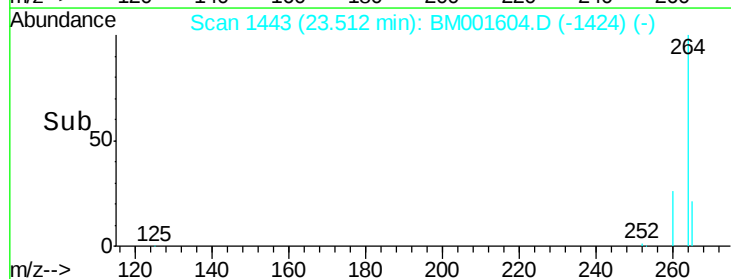
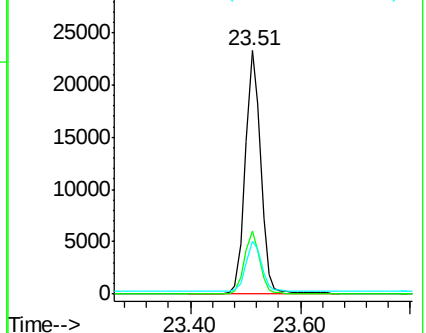
265 21.8 16.8 25.2

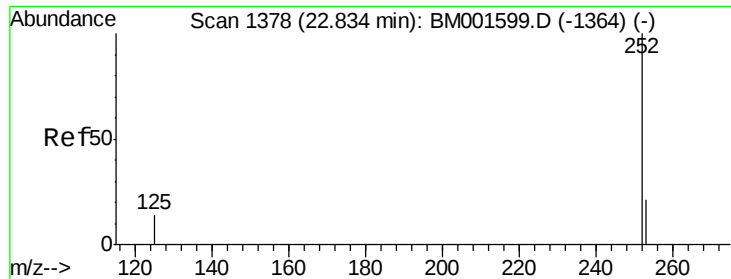


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.97 ng

RT: 22.83 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

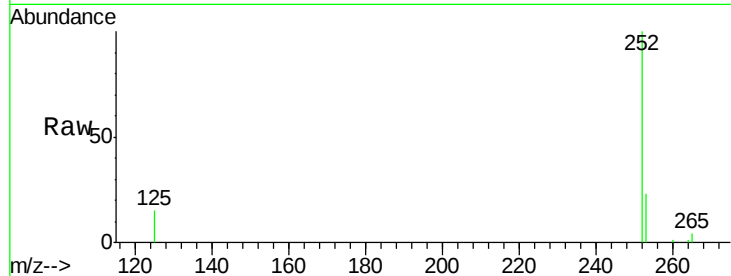
Tgt Ion:252 Resp: 13169

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

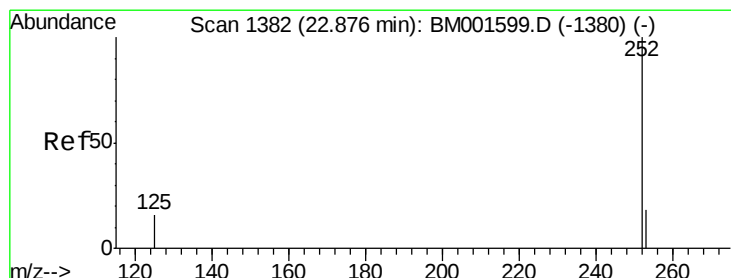
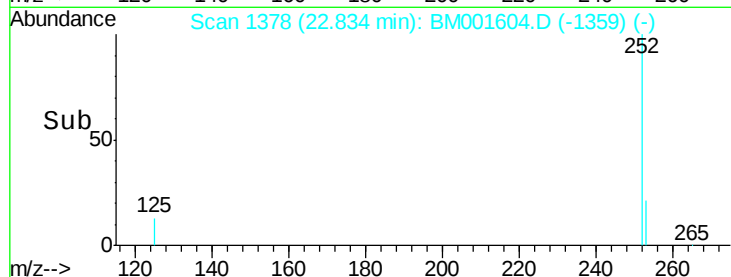
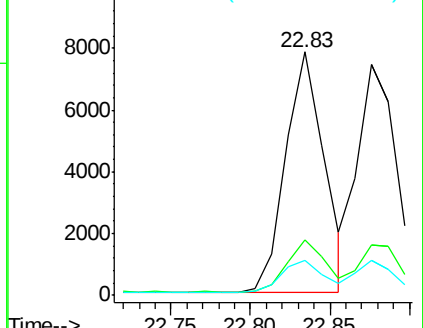
125 14.6 12.4 18.6



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



#34

Benzo(k)fluoranthene

Concen: 0.97 ng

RT: 22.88 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

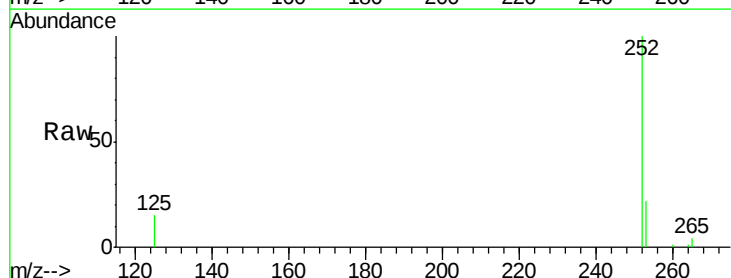
Tgt Ion:252 Resp: 12709

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

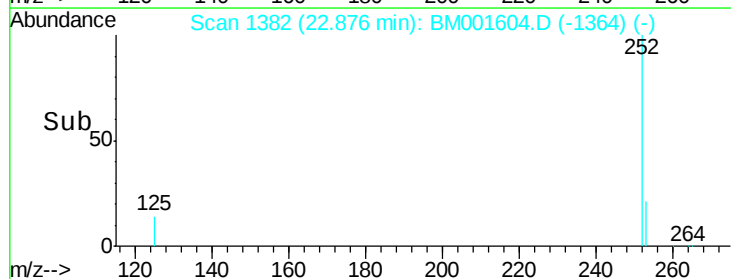
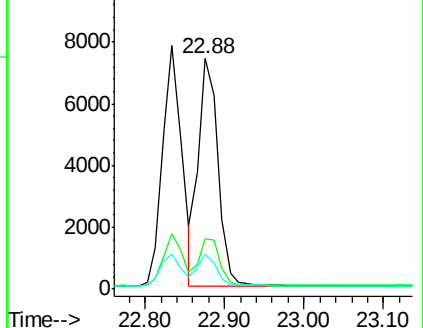
125 15.4 12.8 19.2

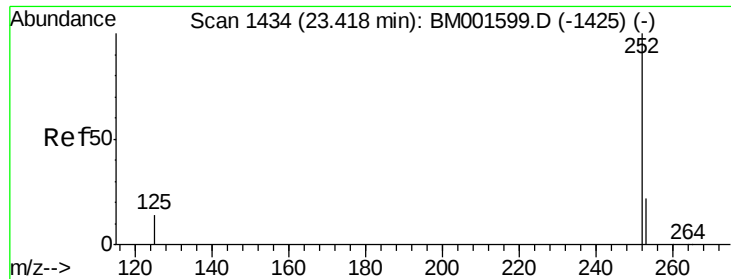


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.94 ng

RT: 23.41 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815

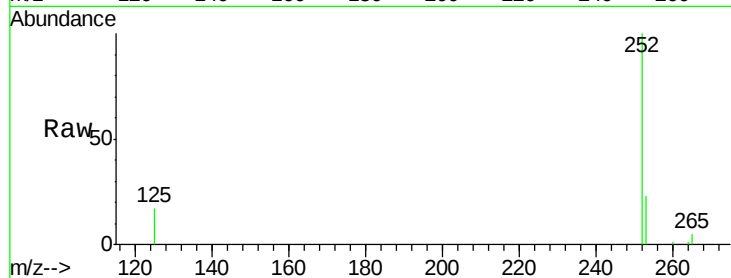
Tgt Ion: 252 Resp: 11294

Ion Ratio Lower Upper

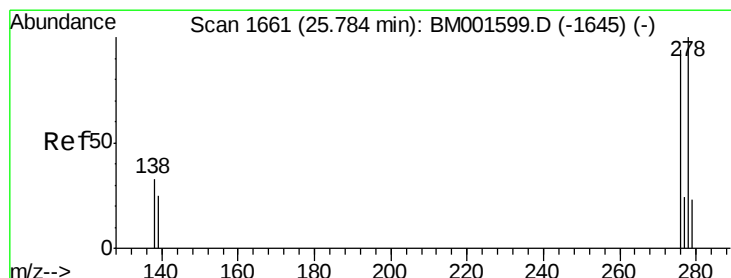
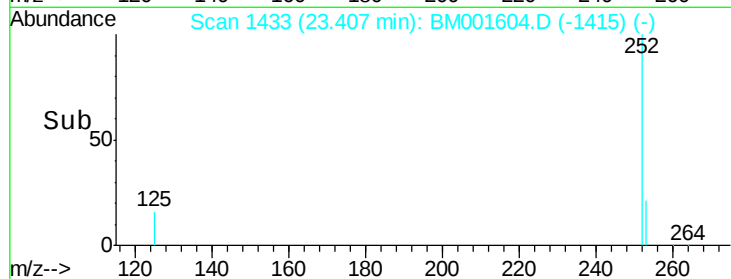
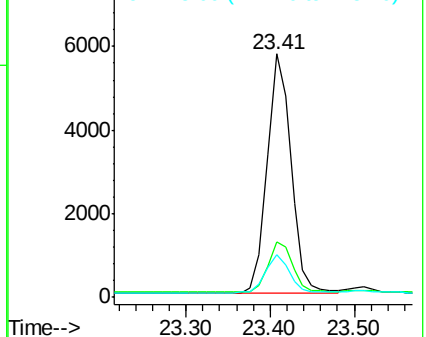
252 100

253 22.8 19.4 29.0

125 17.3 13.0 19.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.92 ng

RT: 25.78 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BM001604.D

Acq: 09 Jun 2015 03:36

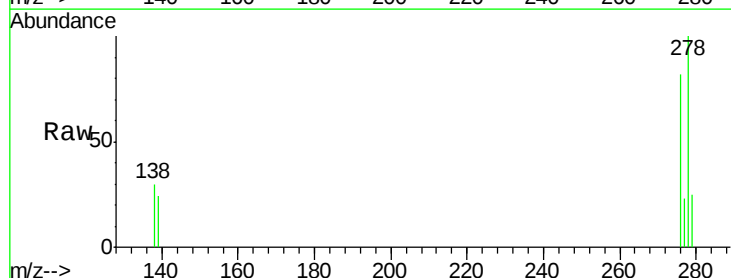
Tgt Ion: 278 Resp: 10108

Ion Ratio Lower Upper

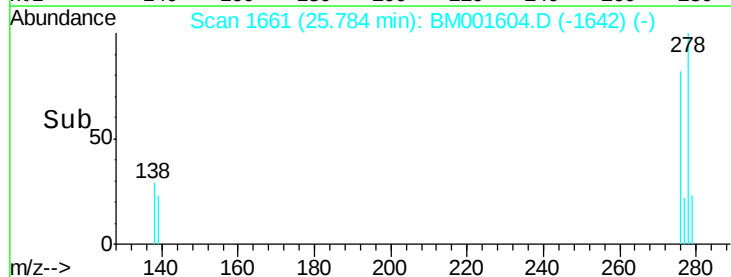
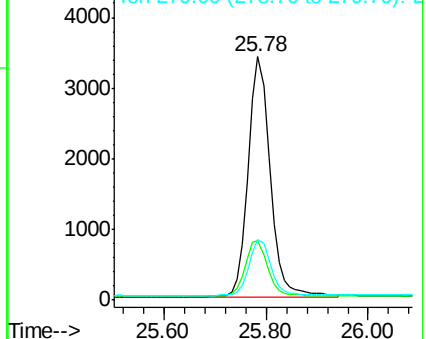
278 100

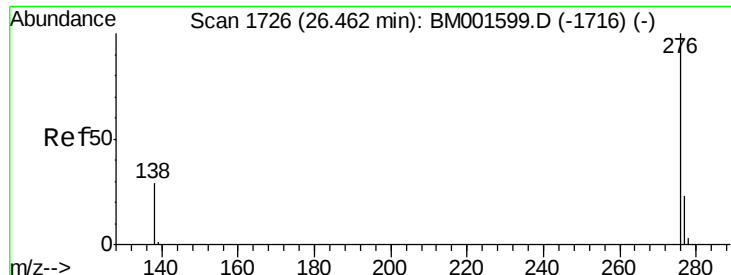
139 24.4 20.6 31.0

279 24.9 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





#37

Benzo(g,h,i)perylene

Concen: 0.94 ng

RT: 26.46 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BM001604.D

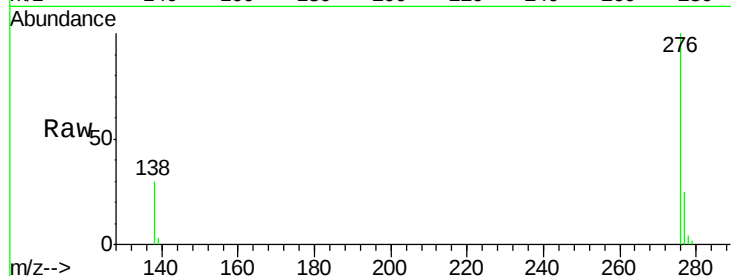
Acq: 09 Jun 2015 03:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060815



Tgt Ion: 276 Resp: 11113

Ion Ratio Lower Upper

276 100

277 25.0 19.4 29.0

138 29.8 24.5 36.7

