

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001393.D
 Acq On : 22 May 2015 21:29
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052215

Quant Time: May 23 05:00:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 04:45:39 2015
 Response via : Initial Calibration

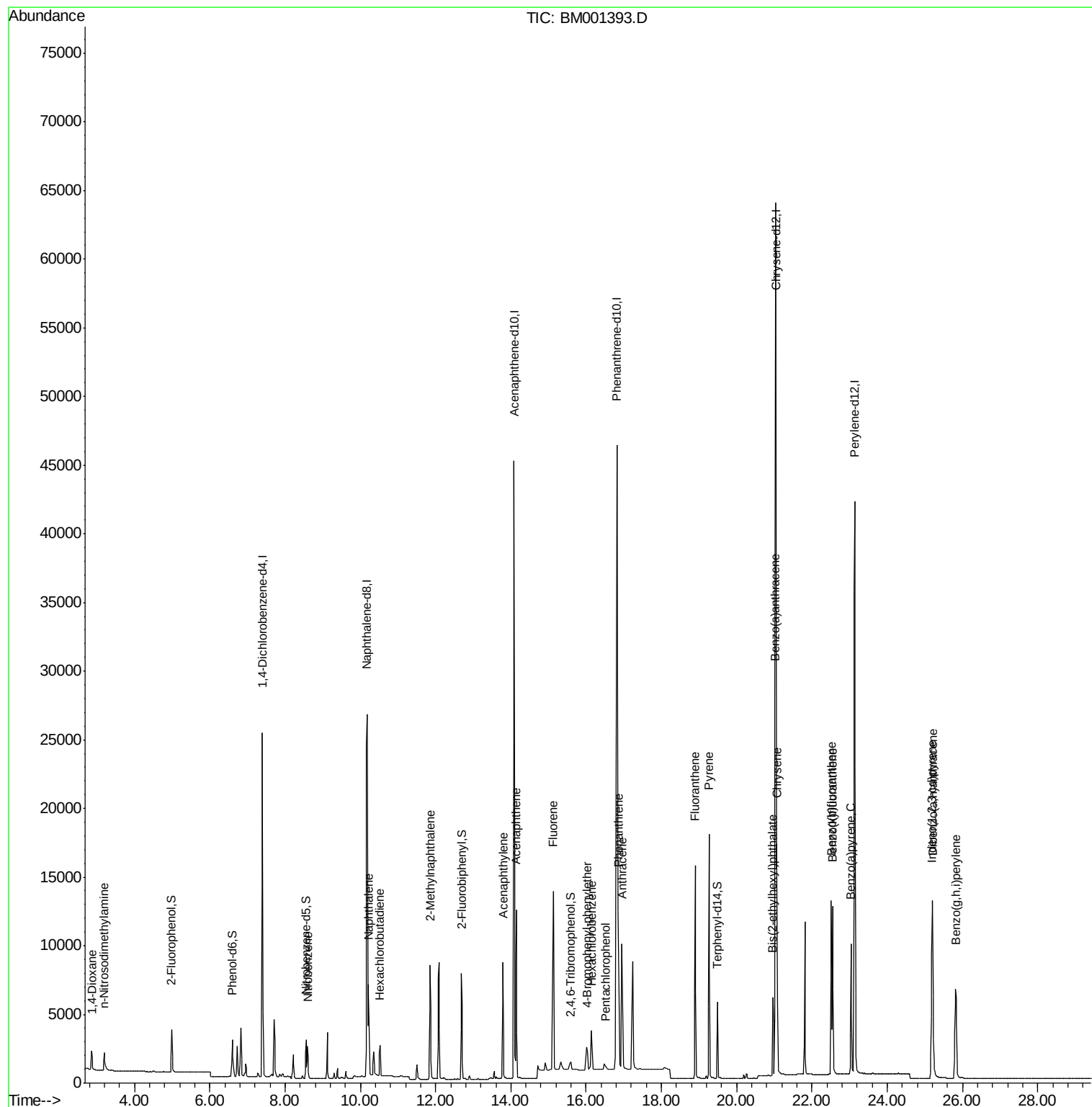
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	12813	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	45315	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	25758	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	89145	5.00	ng	0.00
25) Chrysene-d12	21.04	240	56703	5.00	ng	0.00
32) Perylene-d12	23.14	264	52349	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	2367	0.94	ng	0.00
5) Phenol-d6	6.60	99	2683	0.91	ng	0.00
7) Nitrobenzene-d5	8.55	82	2378	0.91	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	632	0.79	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	7522	0.95	ng	0.00
27) Terphenyl-d14	19.49	244	6984	0.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	1020	0.84	ng	95
3) n-Nitrosodimethylamine	3.20	42	1495	0.91	ng	98
8) Nitrobenzene	8.60	77	2469	0.89	ng	99
9) Naphthalene	10.22	128	9276	0.96	ng	99
10) Hexachlorobutadiene	10.52	225	1880	0.96	ng	99
11) 2-Methylnaphthalene	11.86	142	6188	0.95	ng	98
15) Acenaphthylene	13.79	152	10240	0.94	ng	99
16) Acenaphthene	14.14	154	6520	0.96	ng	97
17) Fluorene	15.12	166	11649	0.87	ng	97
19) 4-Bromophenyl-phenylether	16.04	248	1198	1.06	ng	# 90
20) Hexachlorobenzene	16.14	284	3475	1.02	ng	# 85
21) Pentachlorophenol	16.51	266	530	1.12	ng	96
22) Phenanthrene	16.85	178	17246	1.04	ng	99
23) Anthracene	16.95	178	14794	0.93	ng	99
24) Fluoranthene	18.90	202	14701	0.89	ng	100
26) Pyrene	19.26	202	15755	0.92	ng	100
28) Benzo(a)anthracene	21.02	228	15613	0.93	ng	96
29) Chrysene	21.07	228	13575	0.90	ng	96
30) Bis(2-ethylhexyl)phthalate	20.96	149	7059	0.78	ng	98
31) Indeno(1,2,3-cd)pyrene	25.19	276	15267	0.92	ng	100
33) Benzo(b)fluoranthene	22.51	252	14805	0.93	ng	98
34) Benzo(k)fluoranthene	22.55	252	13834	0.94	ng	98
35) Benzo(a)pyrene	23.04	252	12924	0.92	ng	98
36) Dibenzo(a,h)anthracene	25.20	278	11862	0.94	ng	98
37) Benzo(g,h,i)perylene	25.82	276	12636	0.94	ng	98

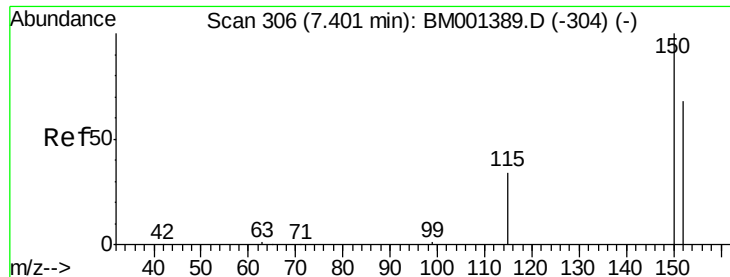
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.40 min Scan# 306

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

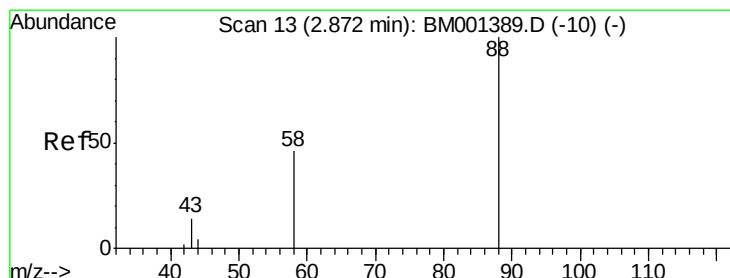
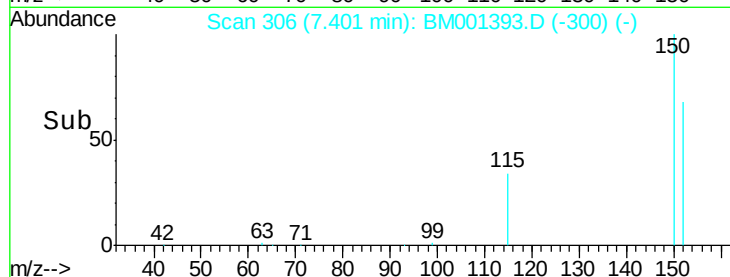
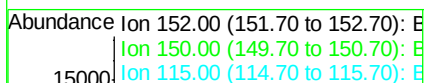
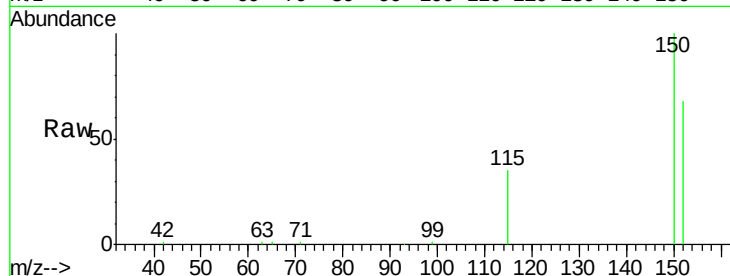
Tgt Ion: 152 Resp: 12813

Ion Ratio Lower Upper

152 100

150 146.8 119.0 178.6

115 50.7 41.8 62.8



#2

1,4-Dioxane

Concen: 0.84 ng

RT: 2.87 min Scan# 13

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

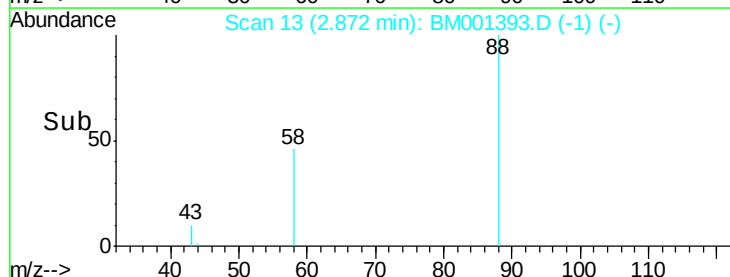
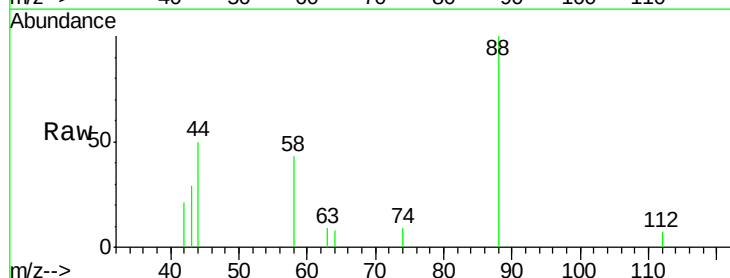
Tgt Ion: 88 Resp: 1020

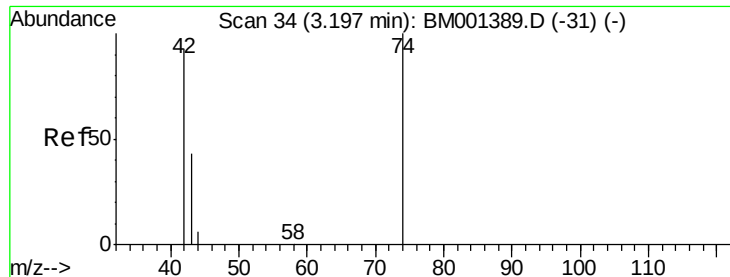
Ion Ratio Lower Upper

88 100

58 85.2 71.3 106.9

43 40.1 35.5 53.3





#3

n-Nitrosodimethylamine

Concen: 0.91 ng

RT: 3.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

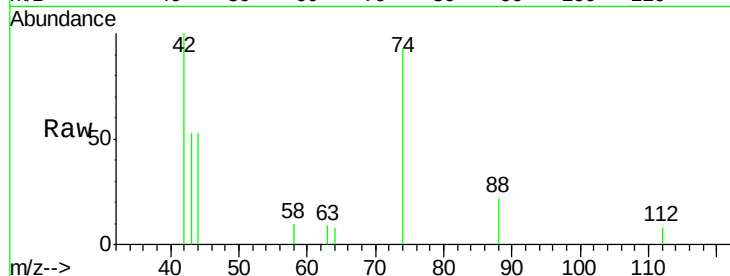
Tgt Ion: 42 Resp: 1495

Ion Ratio Lower Upper

42 100

74 92.5 72.2 108.2

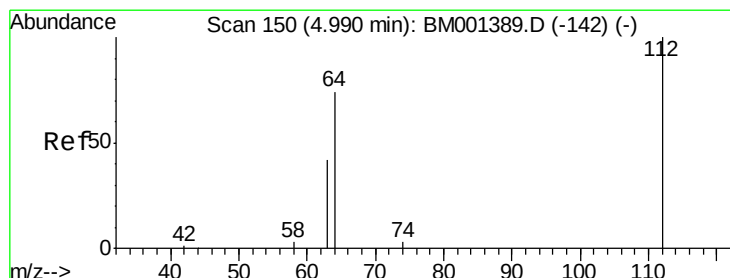
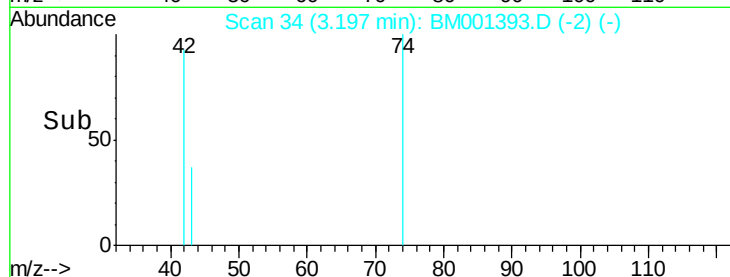
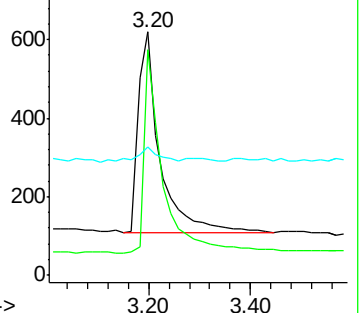
44 8.0 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BM001393.D (-31) (-)

Ion 74.00 (73.70 to 74.70): BM001393.D (-31) (-)

Ion 44.00 (43.70 to 44.70): BM001393.D (-31) (-)



#4

2-Fluorophenol

Concen: 0.94 ng

RT: 4.99 min Scan# 150

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

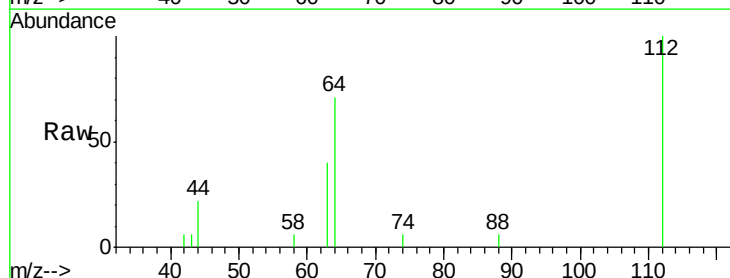
Tgt Ion: 112 Resp: 2367

Ion Ratio Lower Upper

112 100

64 64.2 51.7 77.5

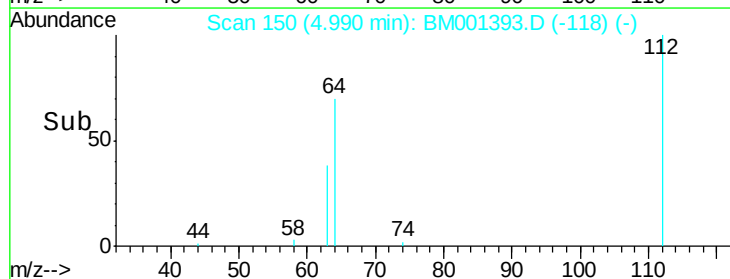
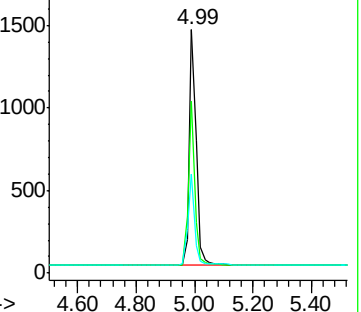
63 36.5 29.7 44.5

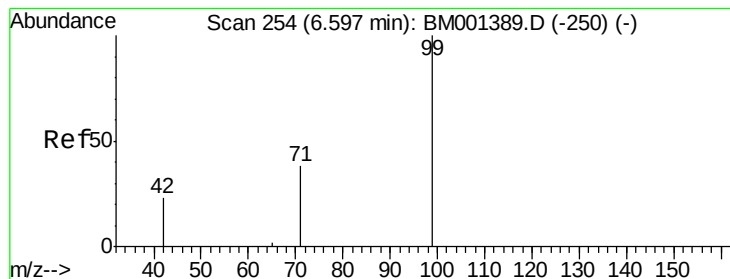


Abundance Ion 112.00 (111.70 to 112.70): BM001393.D (-142) (-)

Ion 64.00 (63.70 to 64.70): BM001393.D (-142) (-)

Ion 63.00 (62.70 to 63.70): BM001393.D (-142) (-)





#5

Phenol-d6

Concen: 0.91 ng

RT: 6.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

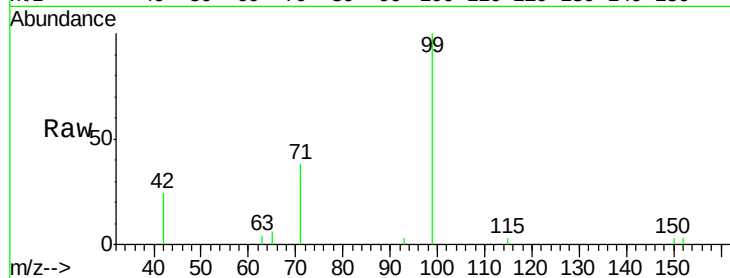
Tgt Ion: 99 Resp: 2683

Ion Ratio Lower Upper

99 100

42 27.2 21.8 32.6

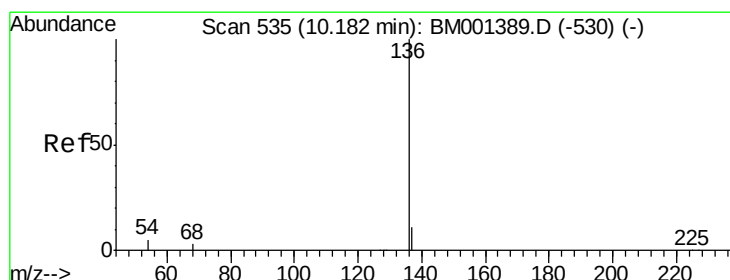
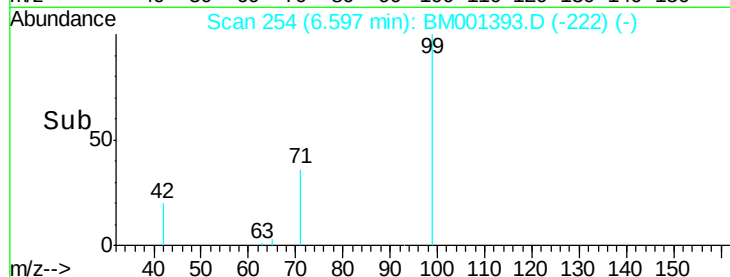
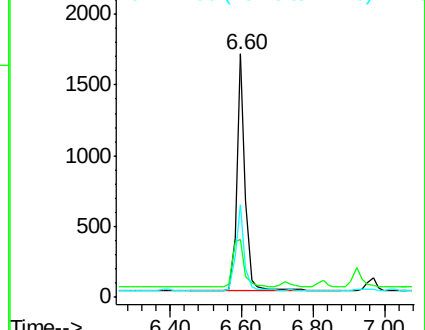
71 36.5 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001393.D (-250) (-)

Ion 42.00 (41.70 to 42.70): BM001393.D (-250) (-)

Ion 71.00 (70.70 to 71.70): BM001393.D (-250) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.18 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Tgt Ion: 136 Resp: 45315

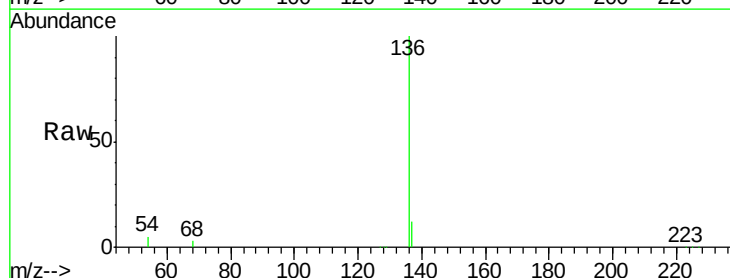
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 5.1 4.3 6.5

68 3.3 2.6 4.0

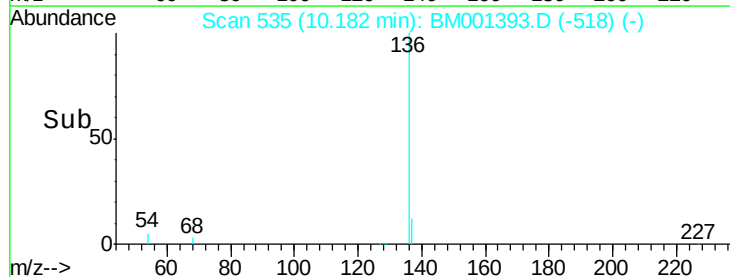
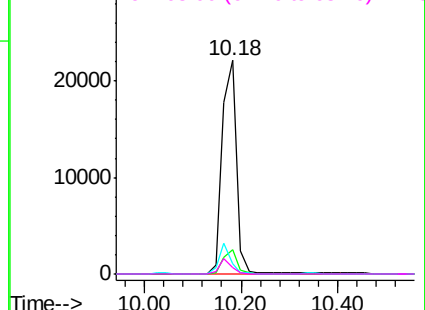


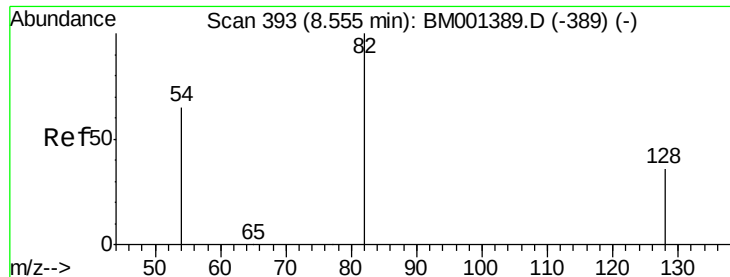
Abundance Ion 136.00 (135.70 to 136.70): BM001393.D (-518) (-)

Ion 137.00 (136.70 to 137.70): BM001393.D (-518) (-)

Ion 54.00 (53.70 to 54.70): BM001393.D (-518) (-)

Ion 68.00 (67.70 to 68.70): BM001393.D (-518) (-)





#7

Nitrobenzene-d5

Concen: 0.91 ng

RT: 8.55 min Scan# 393

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

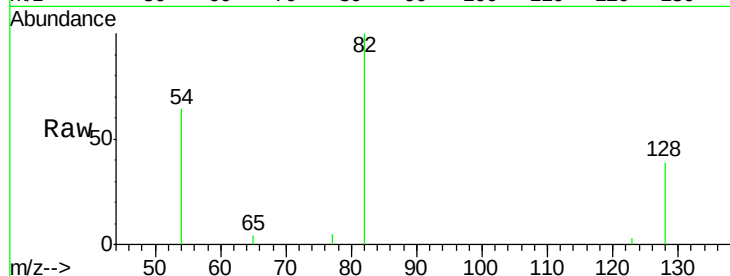
Tgt Ion: 82 Resp: 2378

Ion Ratio Lower Upper

82 100

128 39.3 30.2 45.4

54 63.6 52.9 79.3

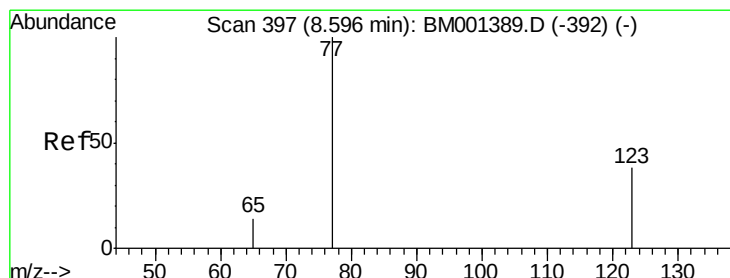
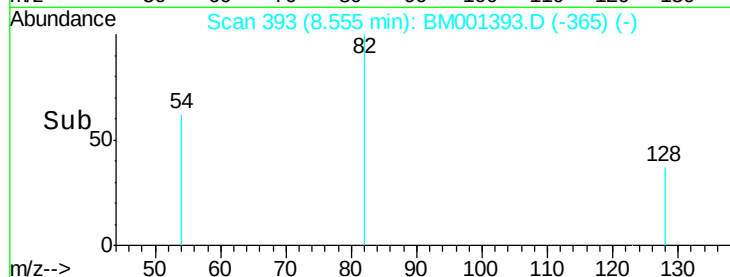


Abundance Ion 82.00 (81.70 to 82.70): BM001393.D (-389) (-)

Ion 128.00 (127.70 to 128.70): BM001393.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM001393.D (-389) (-)

Time-->



#8

Nitrobenzene

Concen: 0.89 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

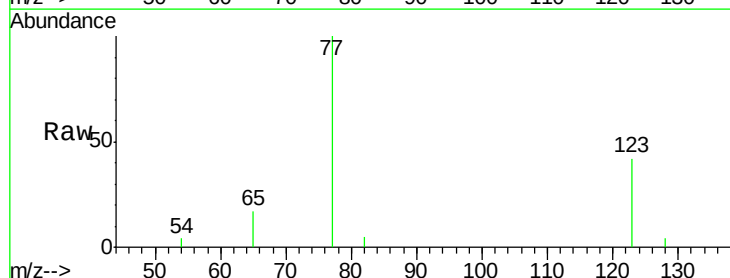
Tgt Ion: 77 Resp: 2469

Ion Ratio Lower Upper

77 100

123 42.6 33.7 50.5

65 14.7 11.3 16.9

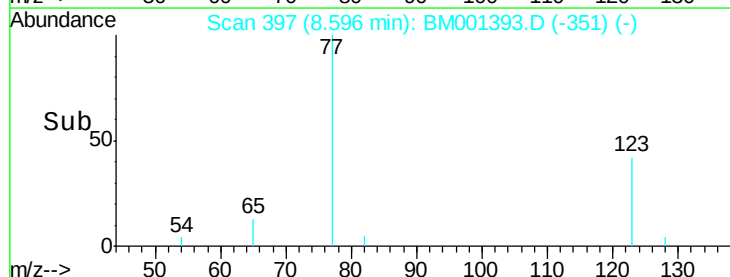


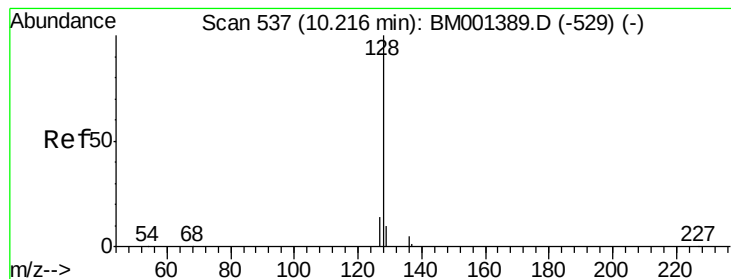
Abundance Ion 77.00 (76.70 to 77.70): BM001393.D (-392) (-)

Ion 123.00 (122.70 to 123.70): BM001393.D (-392) (-)

Ion 65.00 (64.70 to 65.70): BM001393.D (-392) (-)

Time-->





#9

Naphthalene

Concen: 0.96 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

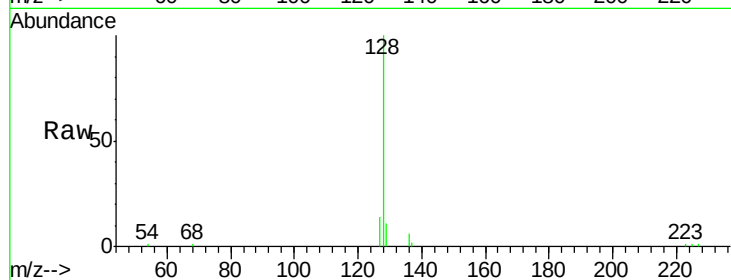
Tgt Ion:128 Resp: 9276

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

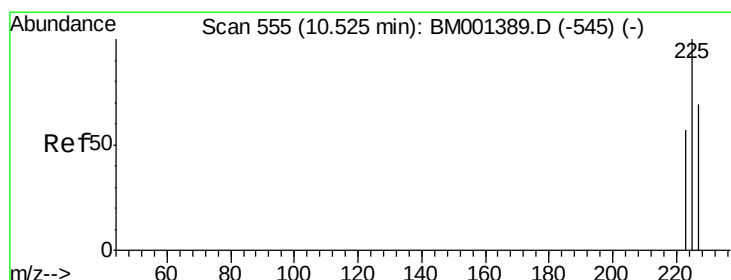
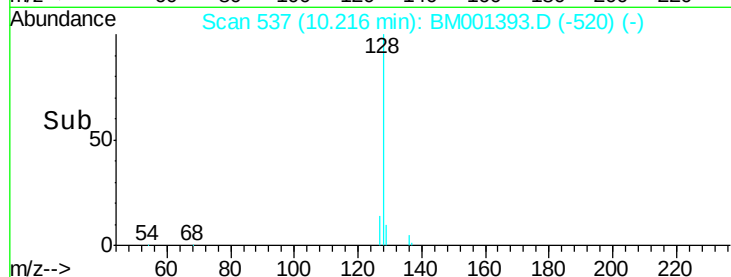
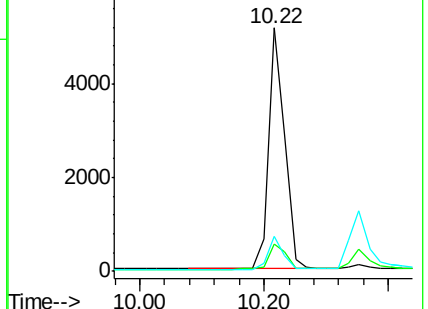
127 14.5 11.7 17.5



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: 0.96 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

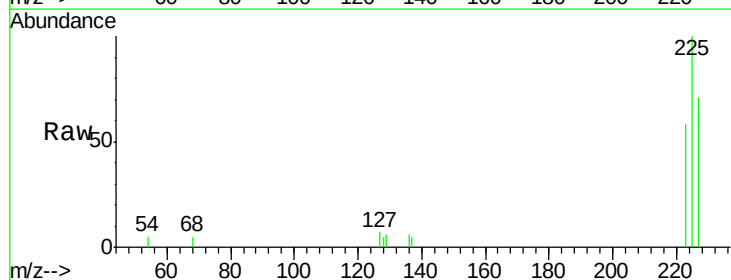
Tgt Ion:225 Resp: 1880

Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.2

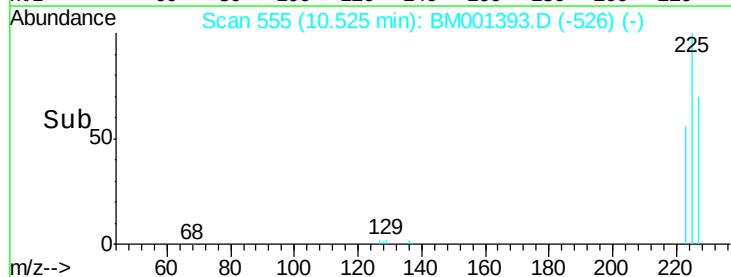
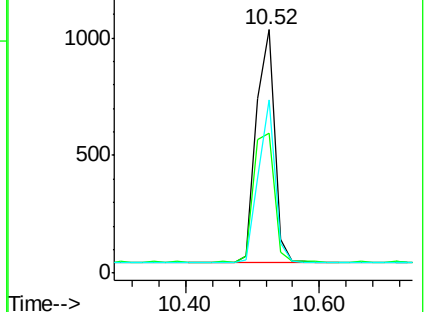
227 62.9 51.1 76.7

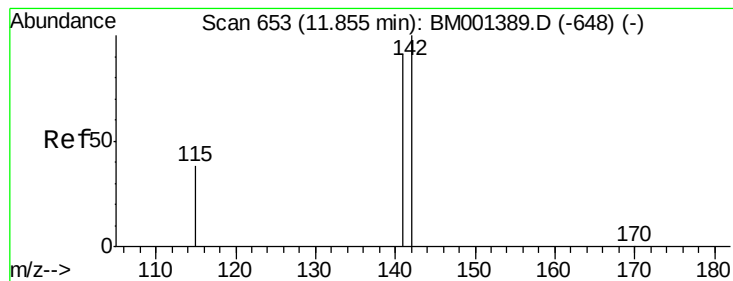


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.95 ng

RT: 11.86 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

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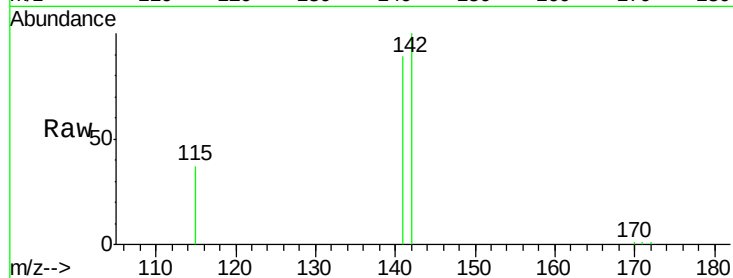
Tgt Ion:142 Resp: 6188

Ion Ratio Lower Upper

142 100

141 88.9 72.6 109.0

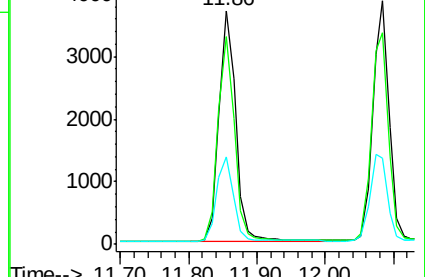
115 37.5 31.2 46.8



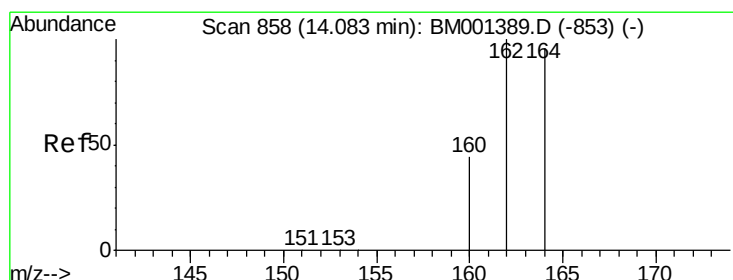
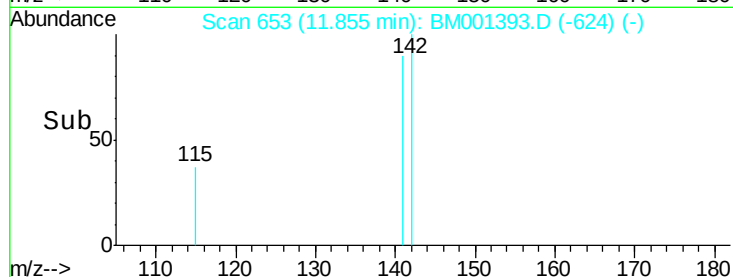
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 11.70 11.80 11.90 12.00



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.08 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

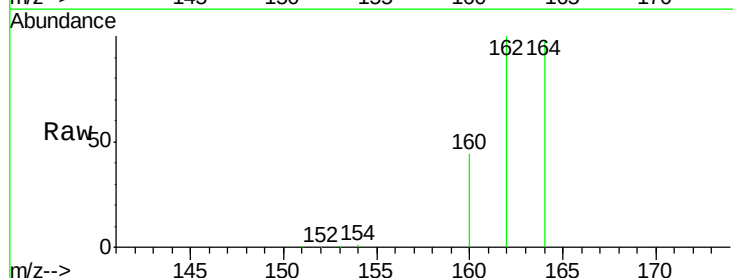
Tgt Ion:164 Resp: 25758

Ion Ratio Lower Upper

164 100

162 102.4 83.4 125.2

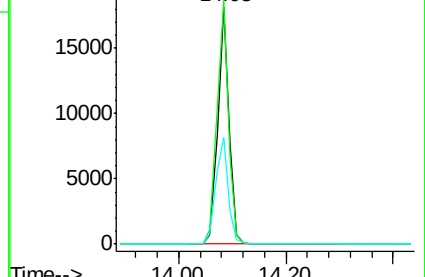
160 44.7 36.9 55.3



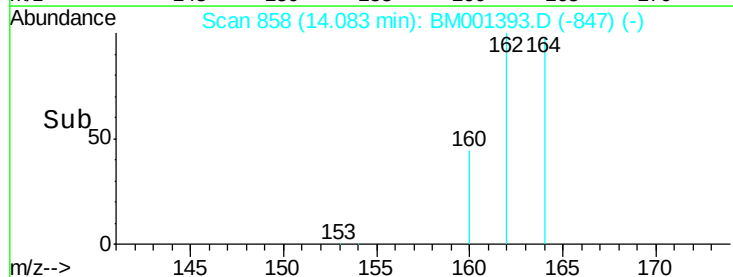
Abundance Ion 164.00 (163.70 to 164.70): E

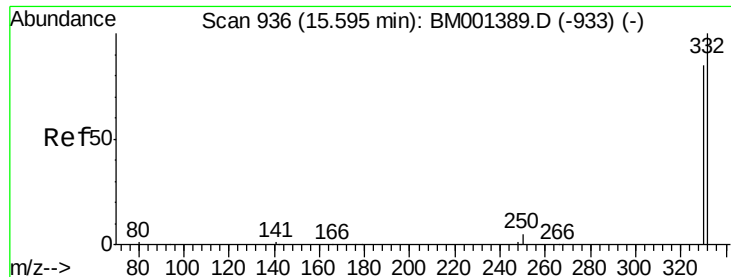
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.00 14.20

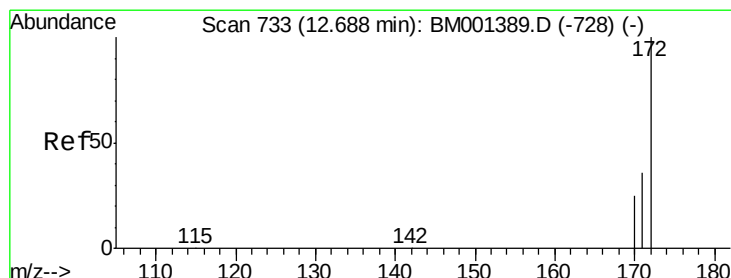
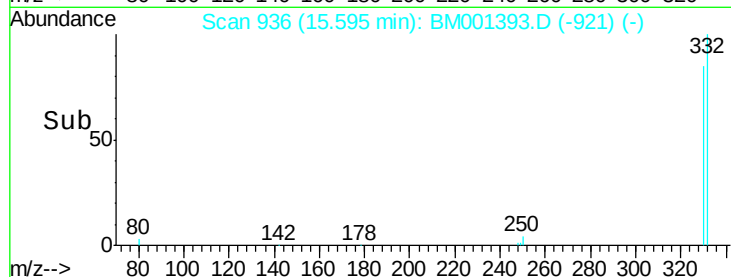
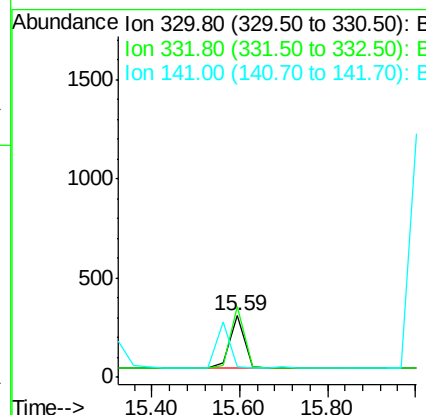
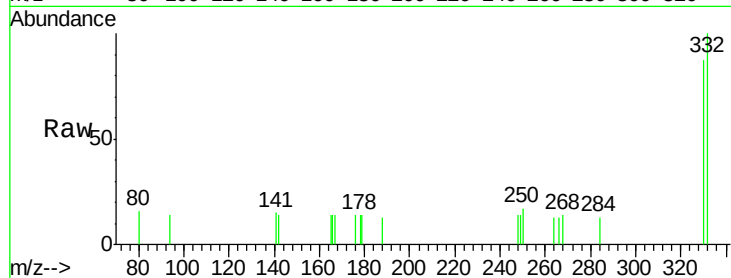




#13
 2,4,6-Tribromophenol
 Concen: 0.79 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001393.D
 Acq: 22 May 2015 21:29

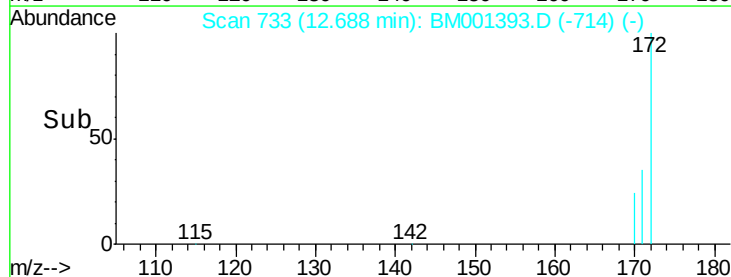
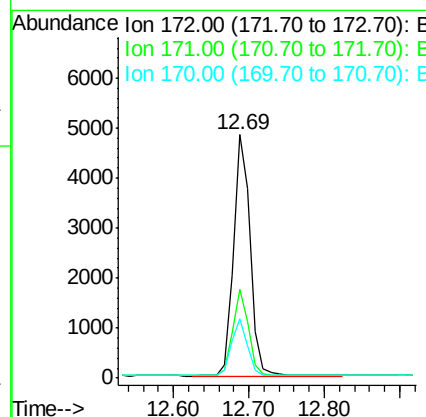
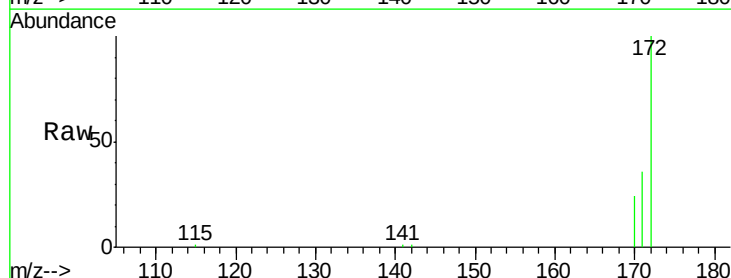
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052215

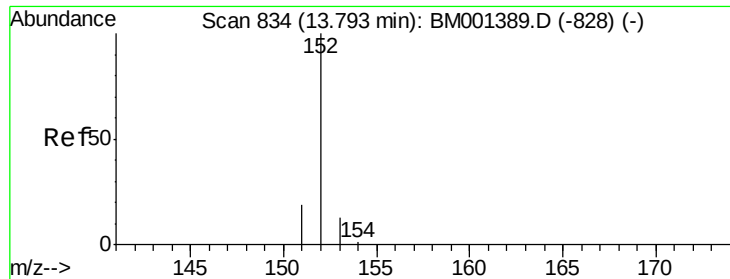
Tgt Ion:330 Resp: 632
 Ion Ratio Lower Upper
 330 100
 332 109.7 90.3 135.5
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 0.95 ng
 RT: 12.69 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BM001393.D
 Acq: 22 May 2015 21:29

Tgt Ion:172 Resp: 7522
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 20.2 30.4





#15

Acenaphthylene

Concen: 0.94 ng

RT: 13.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

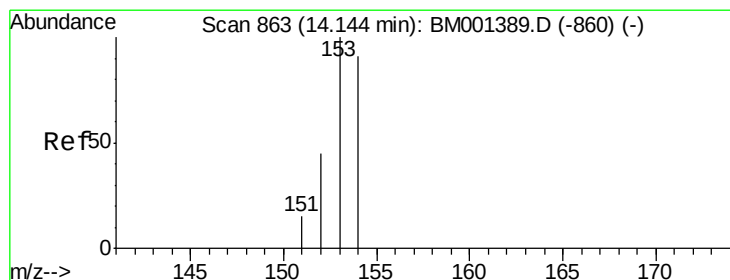
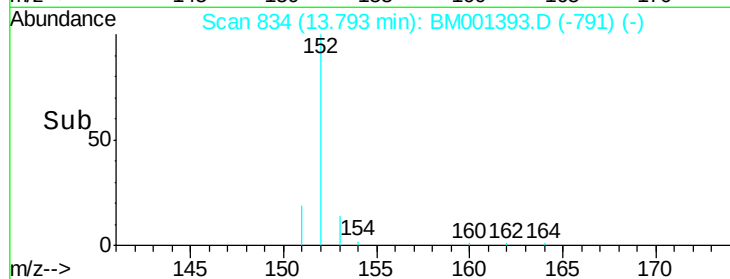
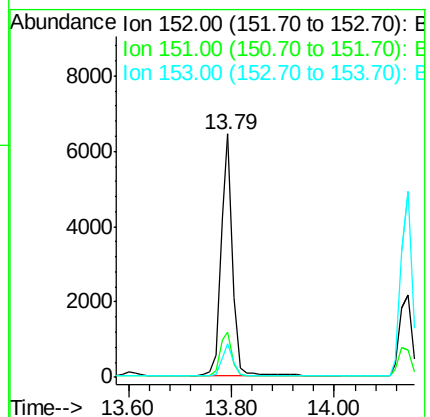
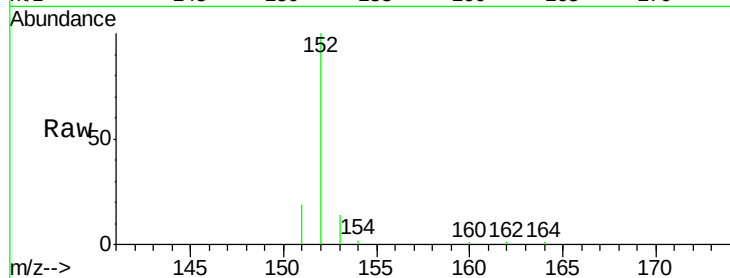
Tgt Ion:152 Resp: 10240

Ion Ratio Lower Upper

152 100

151 18.6 15.1 22.7

153 12.5 10.2 15.4



#16

Acenaphthene

Concen: 0.96 ng

RT: 14.14 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

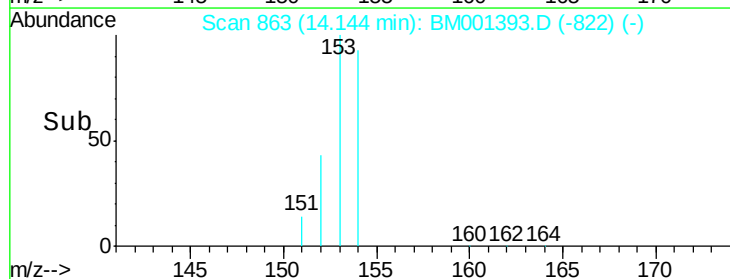
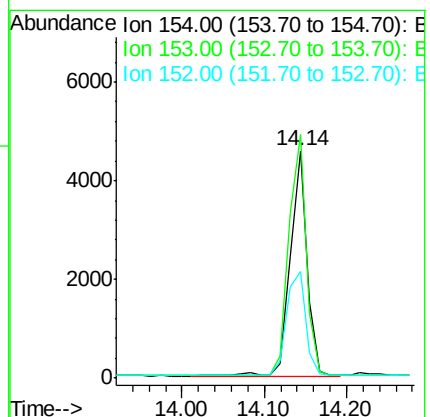
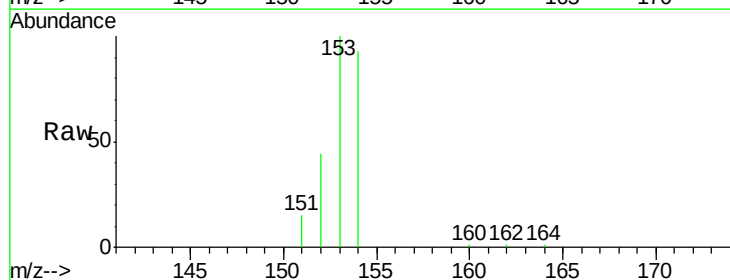
Tgt Ion:154 Resp: 6520

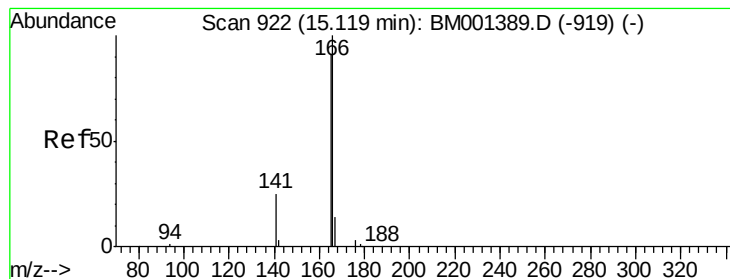
Ion Ratio Lower Upper

154 100

153 111.3 91.4 137.2

152 52.7 44.0 66.0





#17

Fluorene

Concen: 0.87 ng

RT: 15.12 min Scan# 922

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

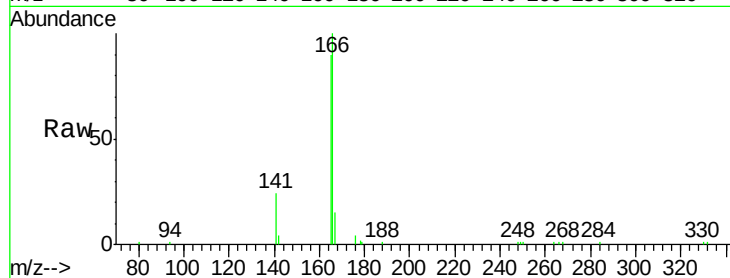
Tgt Ion:166 Resp: 11649

Ion Ratio Lower Upper

166 100

165 88.3 72.6 108.8

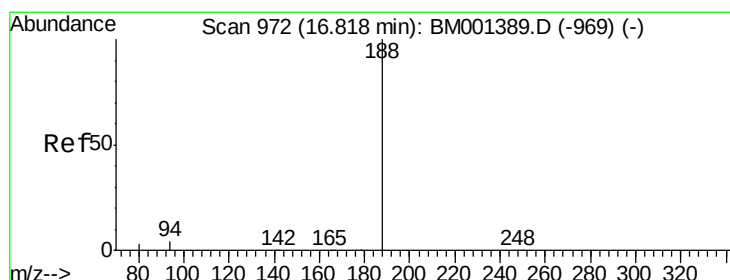
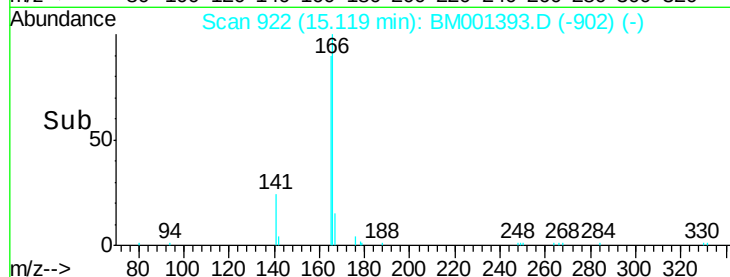
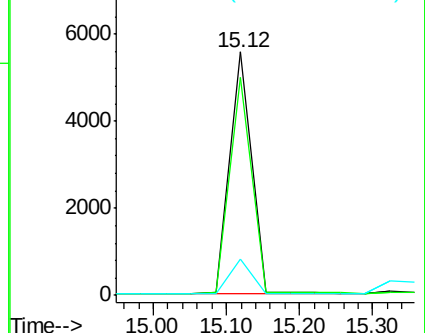
167 15.8 10.9 16.3



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: 16.82 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

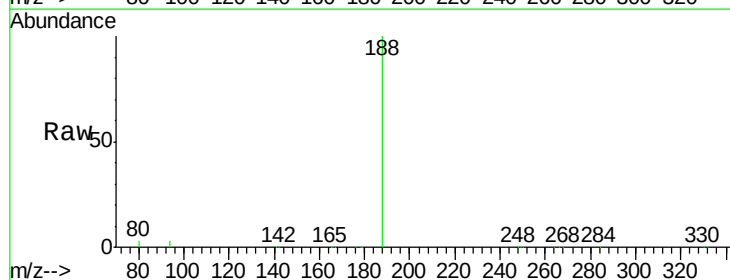
Tgt Ion:188 Resp: 89145

Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

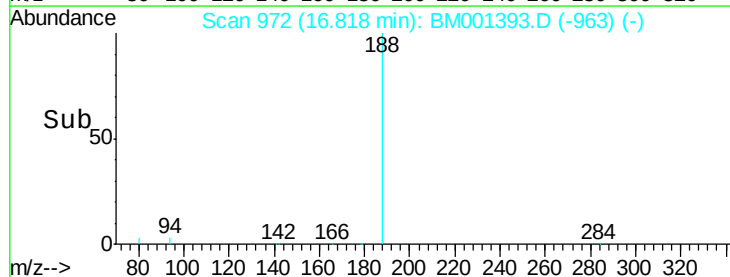
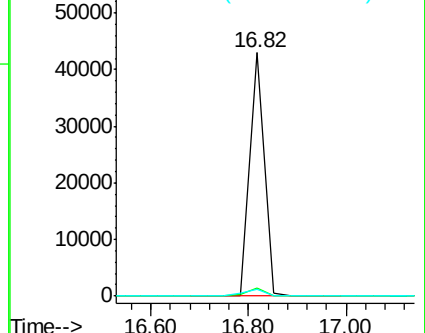
80 2.7 2.5 3.7

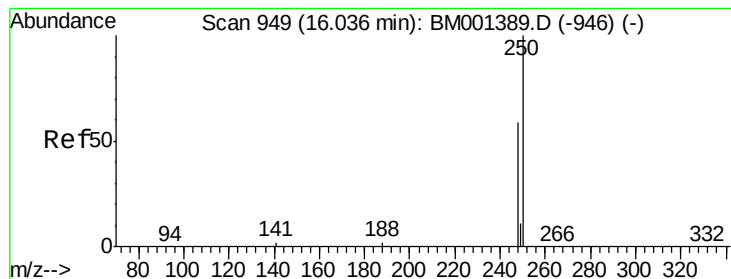


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 1.06 ng

RT: 16.04 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

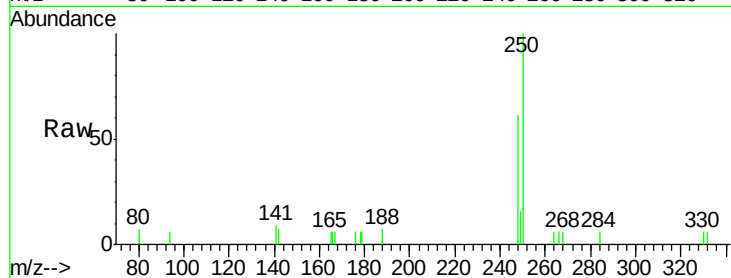
Tgt Ion:248 Resp: 1198

Ion Ratio Lower Upper

248 100

250 134.7 117.8 176.6

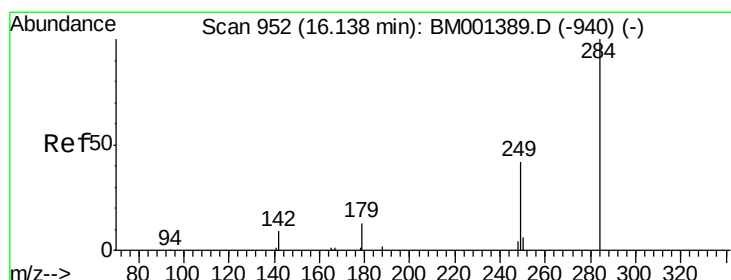
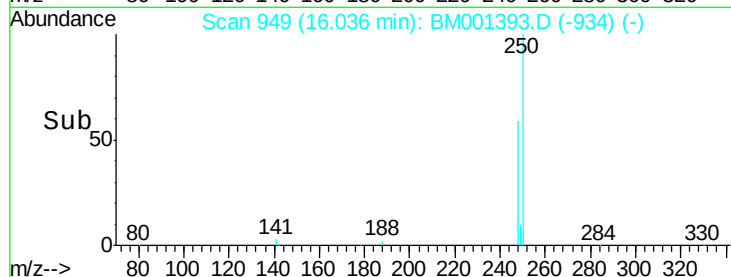
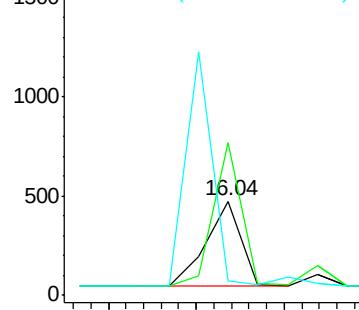
141 0.0 0.0 0.0



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: 1.02 ng

RT: 16.14 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

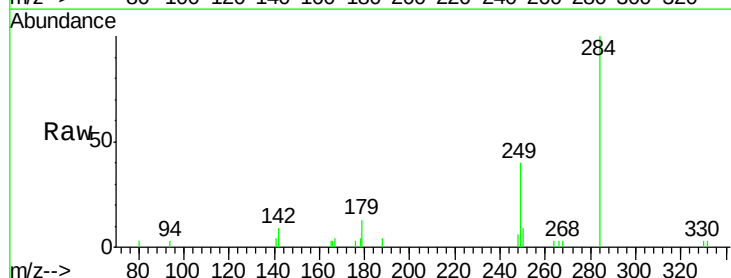
Tgt Ion:284 Resp: 3475

Ion Ratio Lower Upper

284 100

142 0.0 13.9 20.9#

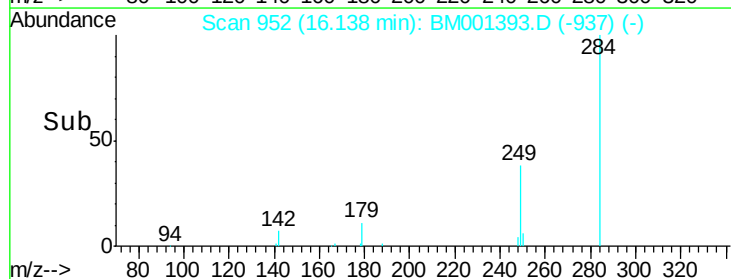
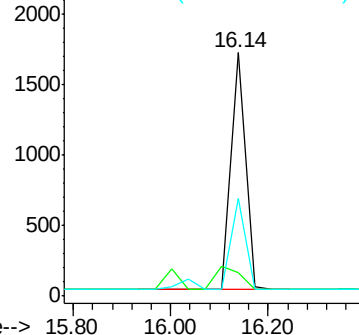
249 44.2 39.0 58.4

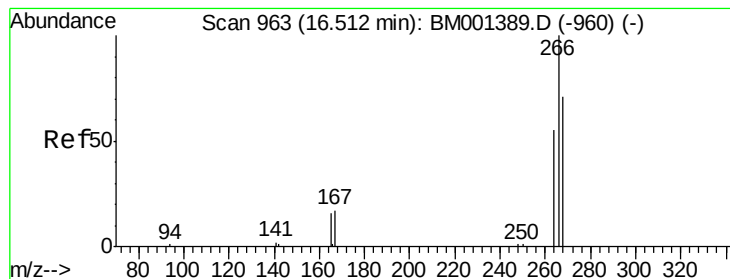


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 1.12 ng

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

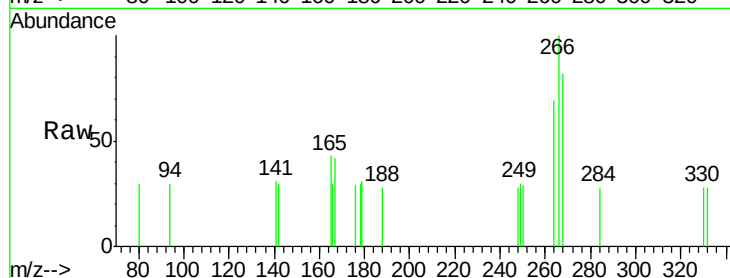
Tgt Ion:266 Resp: 530

Ion Ratio Lower Upper

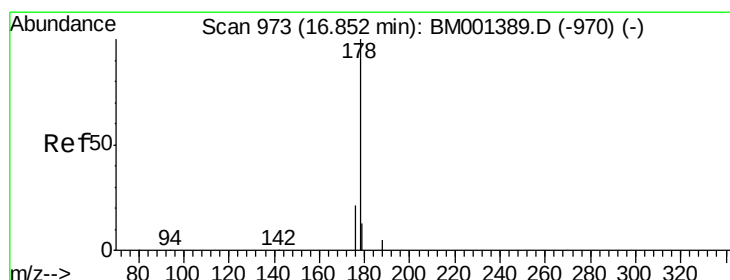
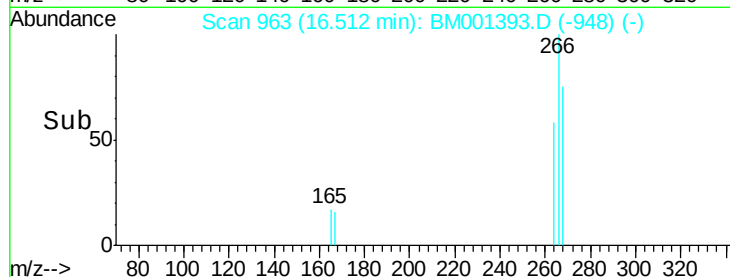
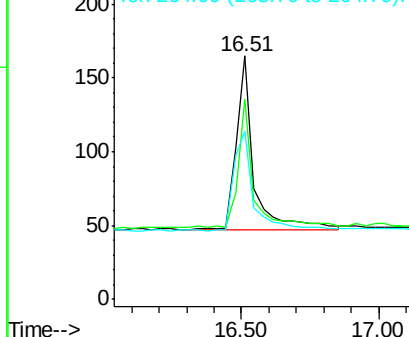
266 100

268 82.4 63.0 94.4

264 69.1 52.8 79.2



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: 1.04 ng

RT: 16.85 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

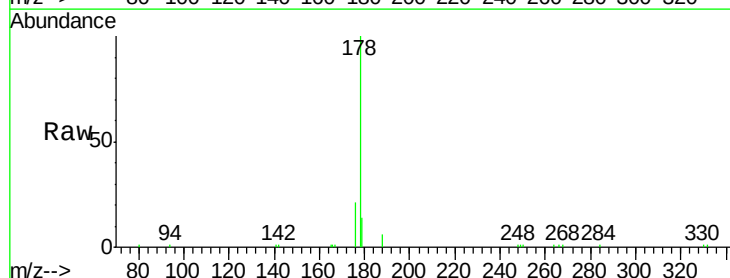
Tgt Ion:178 Resp: 17246

Ion Ratio Lower Upper

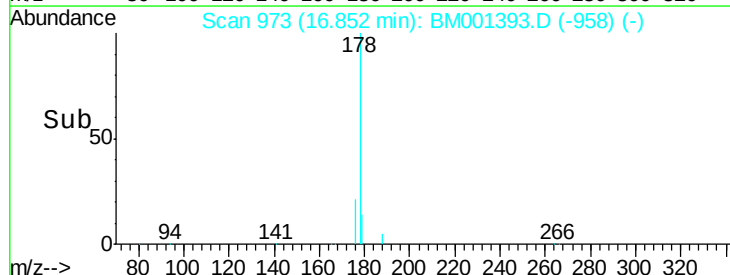
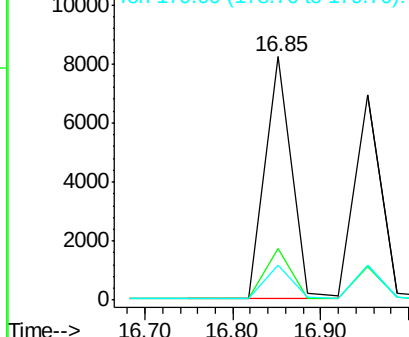
178 100

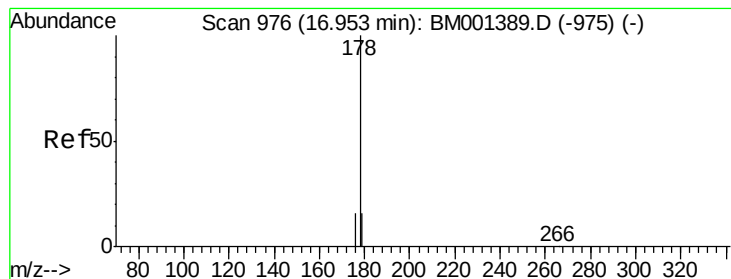
176 20.7 16.8 25.2

179 14.0 11.0 16.4



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: 0.93 ng

RT: 16.95 min Scan# 976

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

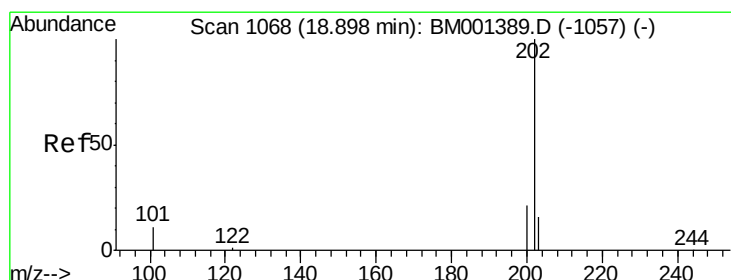
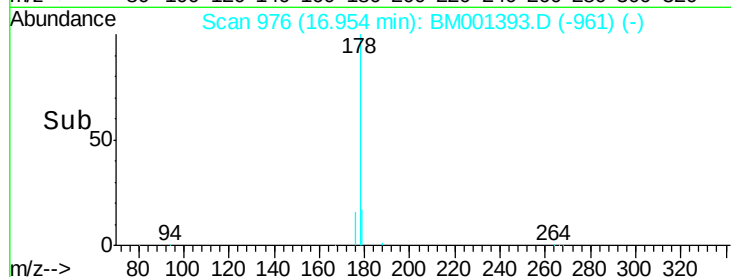
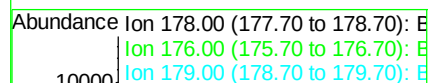
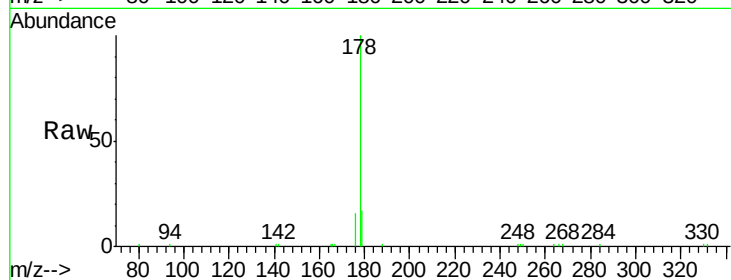
Tgt Ion:178 Resp: 14794

Ion Ratio Lower Upper

178 100

176 15.9 13.1 19.7

179 16.6 12.8 19.2



#24

Fluoranthene

Concen: 0.89 ng

RT: 18.90 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

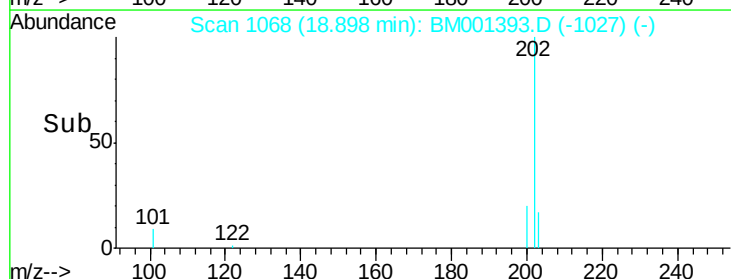
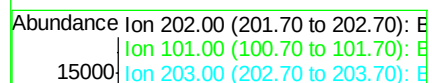
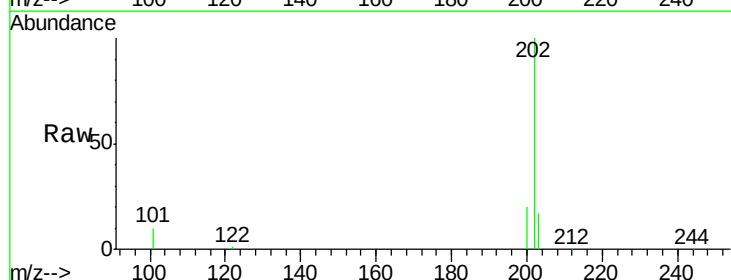
Tgt Ion:202 Resp: 14701

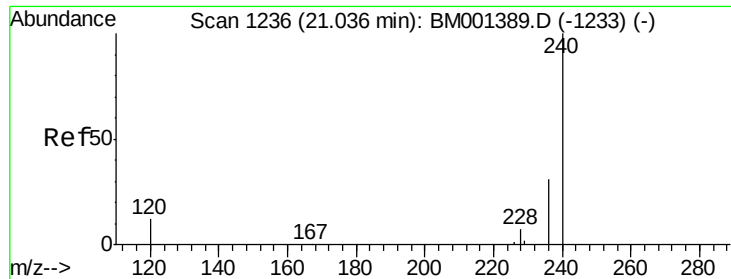
Ion Ratio Lower Upper

202 100

101 10.6 8.6 12.8

203 17.3 13.8 20.6

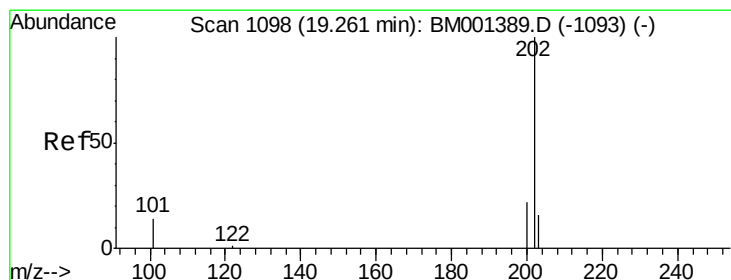
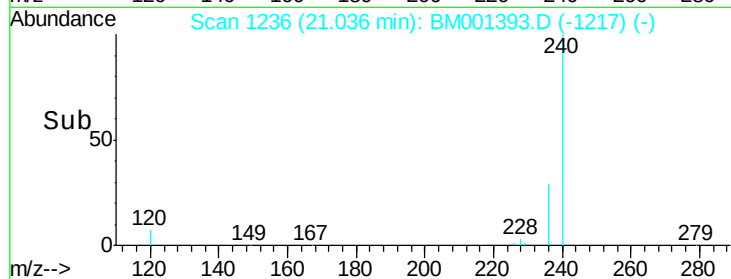
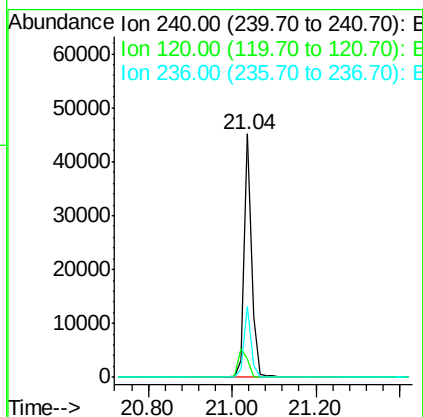
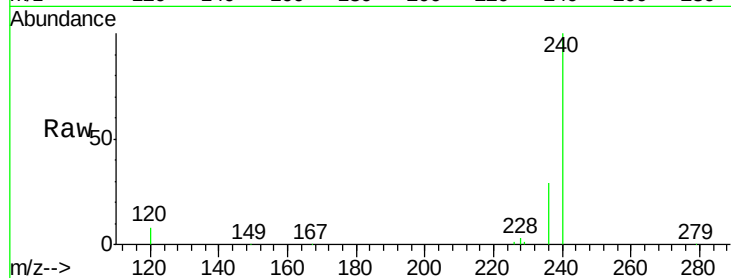




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.04 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM001393.D
Acq: 22 May 2015 21:29

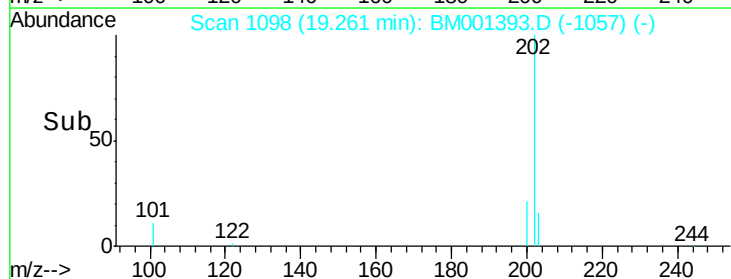
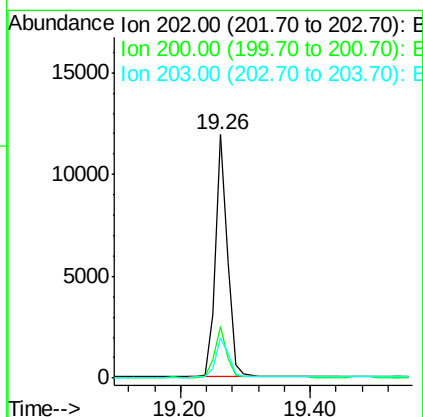
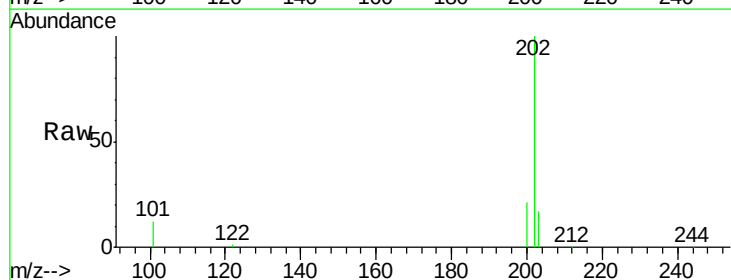
Instrument :
BNA_M
ClientSampleId :
ICVBM052215

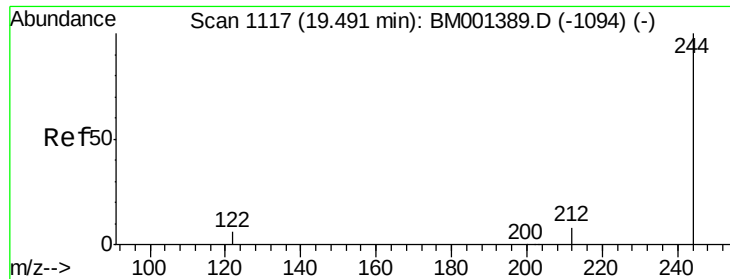
Tgt Ion:240 Resp: 56703
Ion Ratio Lower Upper
240 100
120 7.6 9.7 14.5#
236 28.8 24.8 37.2



#26
Pyrene
Concen: 0.92 ng
RT: 19.26 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BM001393.D
Acq: 22 May 2015 21:29

Tgt Ion:202 Resp: 15755
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.5 13.9 20.9





#27

Terphenyl-d14

Concen: 0.91 ng

RT: 19.49 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

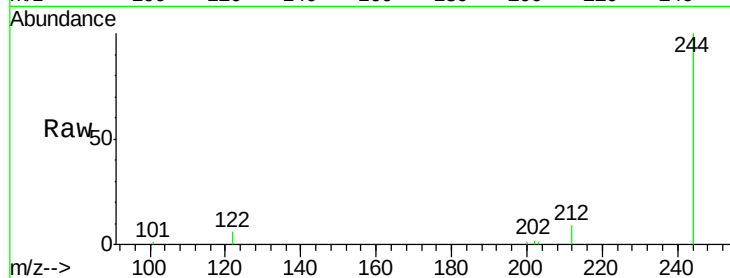
Tgt Ion:244 Resp: 6984

Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

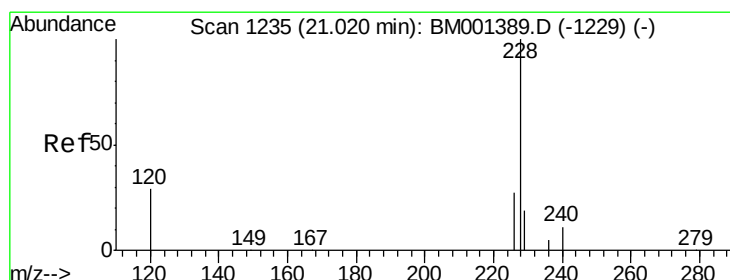
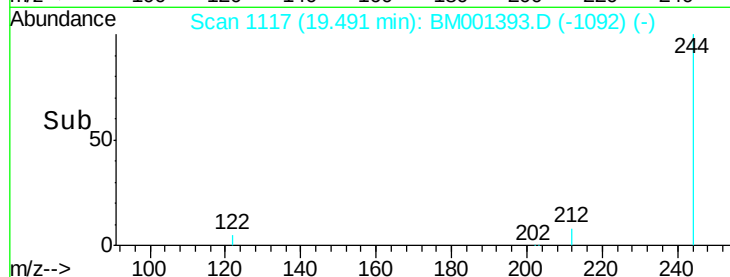
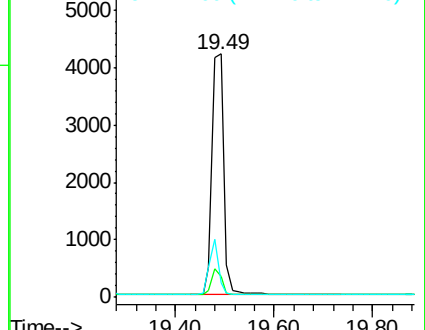
122 6.0 5.1 7.7



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: 0.93 ng

RT: 21.02 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

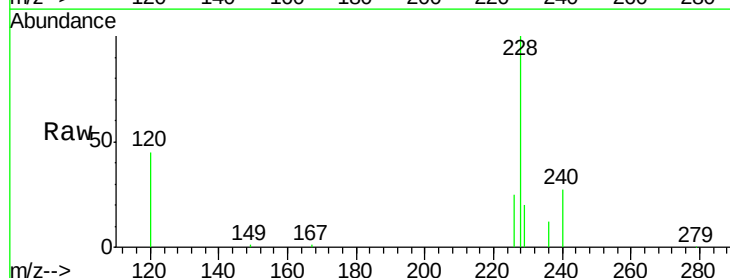
Tgt Ion:228 Resp: 15613

Ion Ratio Lower Upper

228 100

226 25.2 21.9 32.9

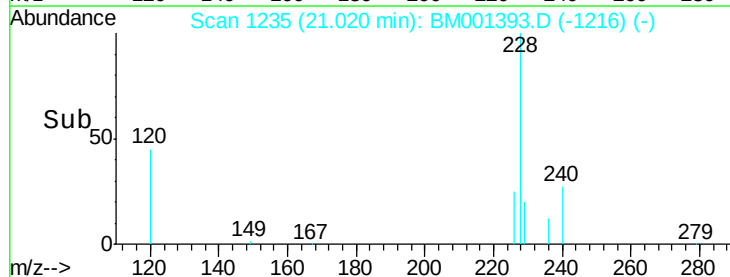
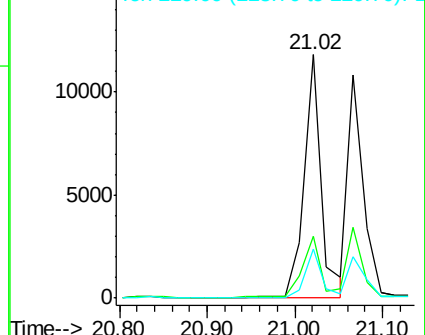
229 20.3 15.1 22.7

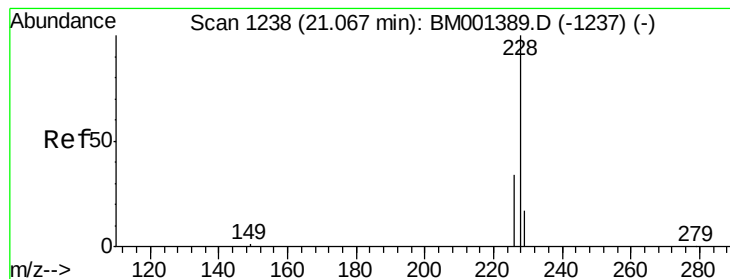


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.90 ng

RT: 21.07 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

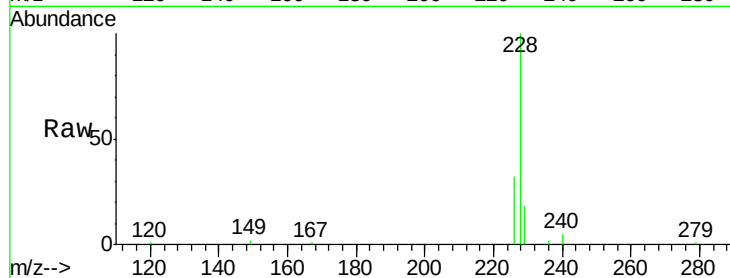
Tgt Ion:228 Resp: 13575

Ion Ratio Lower Upper

228 100

226 31.8 27.6 41.4

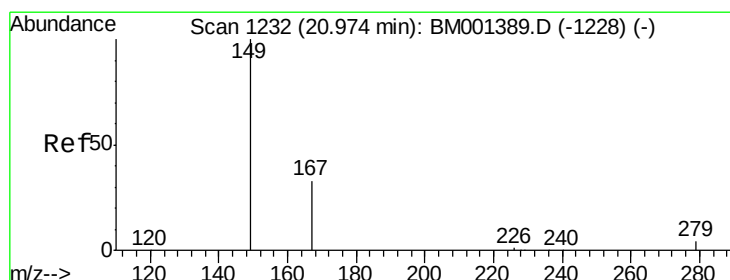
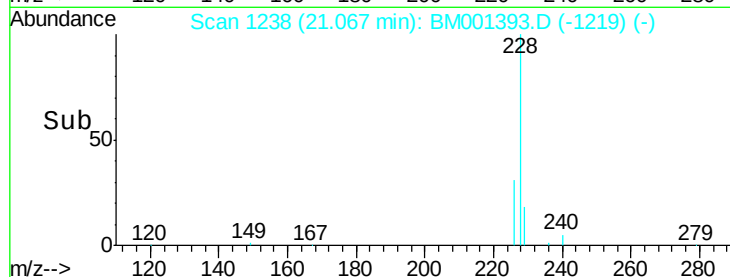
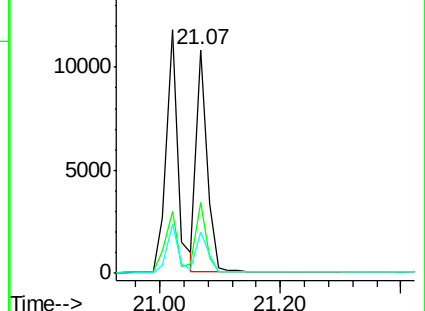
229 18.4 13.6 20.4



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.78 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

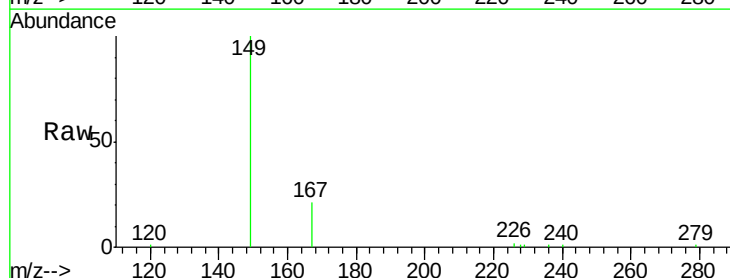
Tgt Ion:149 Resp: 7059

Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.6

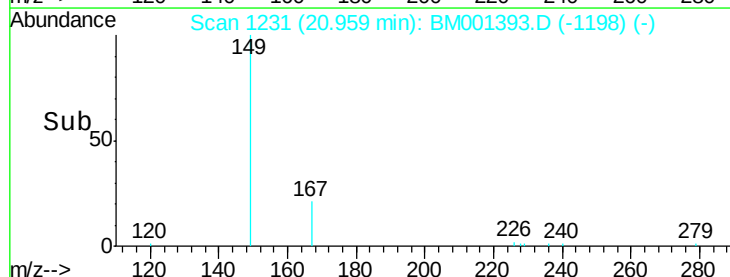
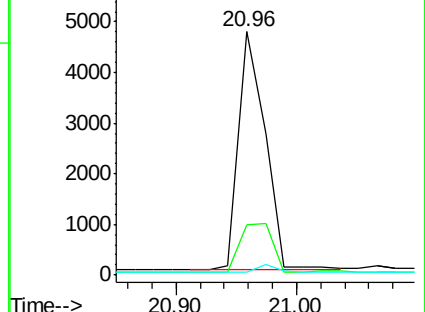
279 2.7 2.2 3.2

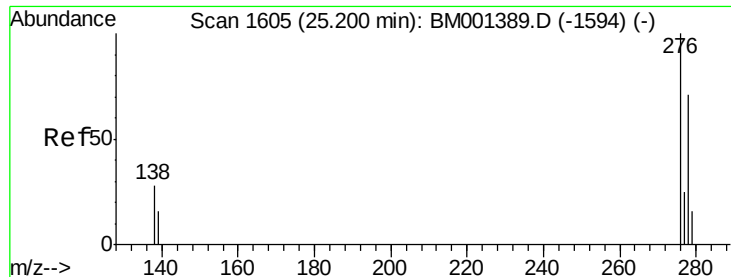


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.92 ng

RT: 25.19 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

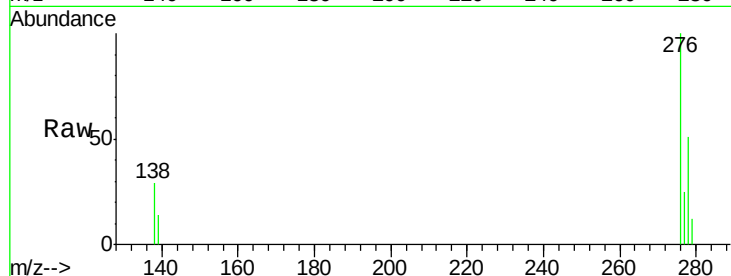
Tgt Ion:276 Resp: 15267

Ion Ratio Lower Upper

276 100

138 29.4 23.4 35.0

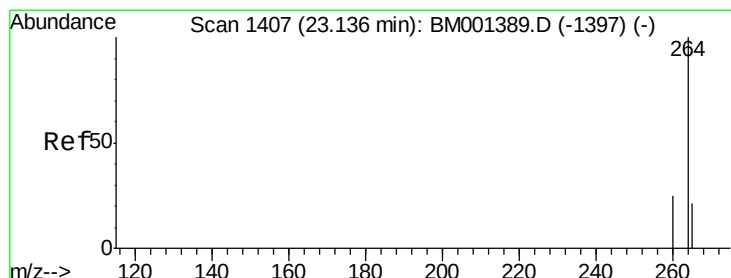
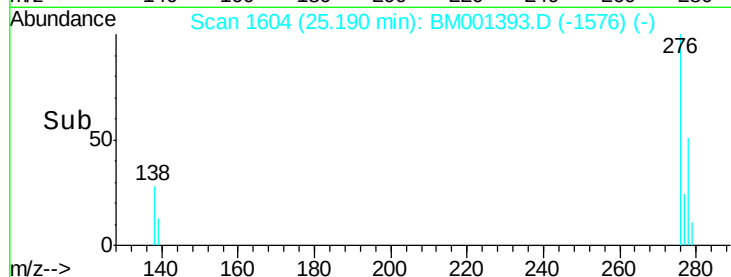
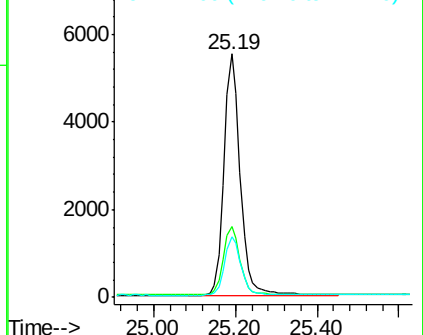
277 24.6 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.14 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

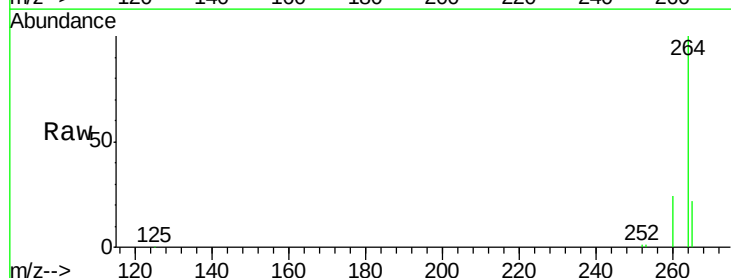
Tgt Ion:264 Resp: 52349

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

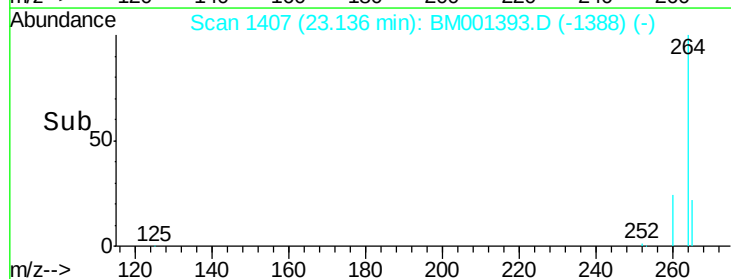
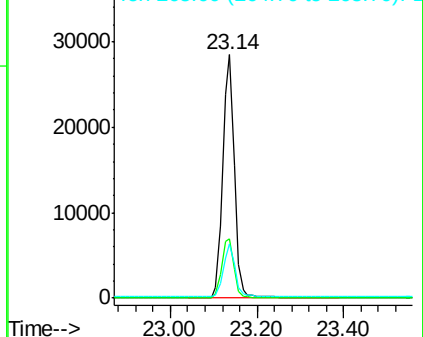
265 22.3 17.1 25.7

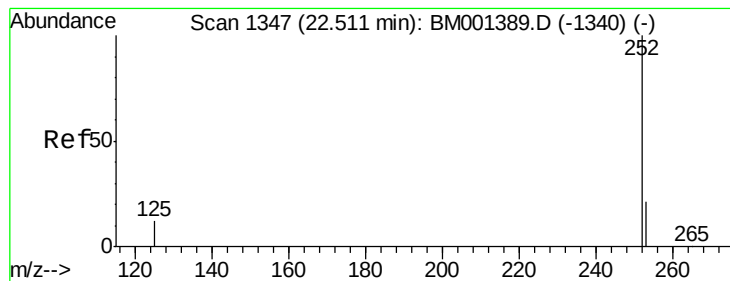


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.93 ng

RT: 22.51 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

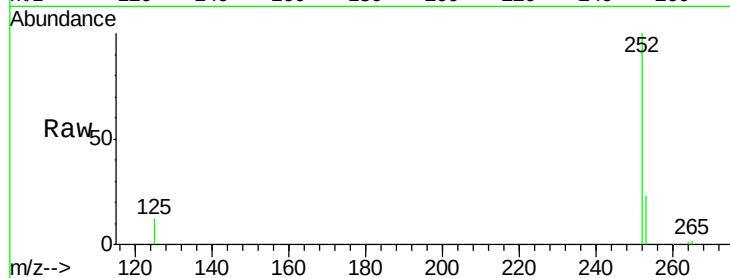
Tgt Ion:252 Resp: 14805

Ion Ratio Lower Upper

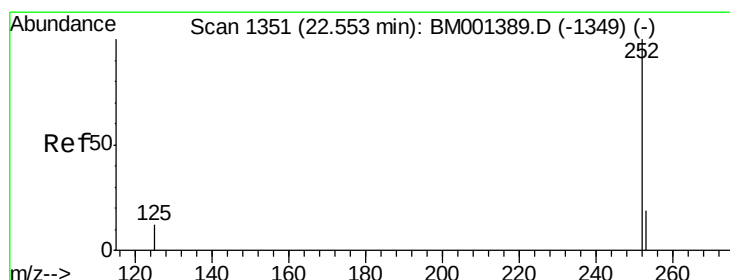
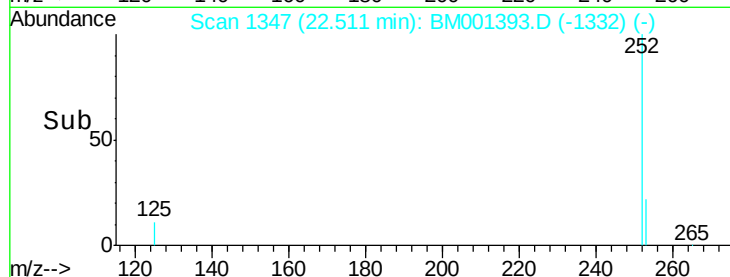
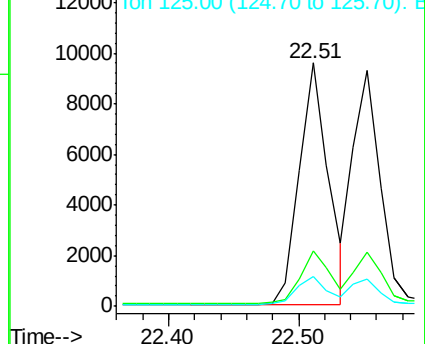
252 100

253 22.8 17.4 26.0

125 12.2 10.2 15.4



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



#34

Benzo(k)fluoranthene

Concen: 0.94 ng

RT: 22.55 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

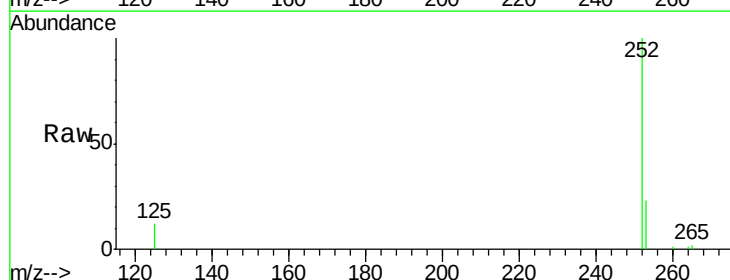
Tgt Ion:252 Resp: 13834

Ion Ratio Lower Upper

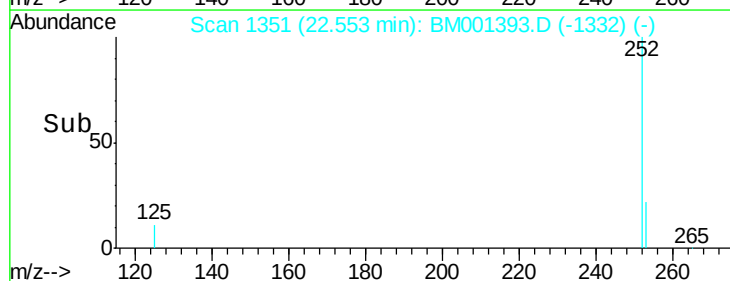
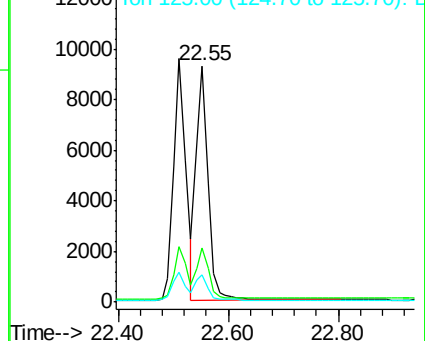
252 100

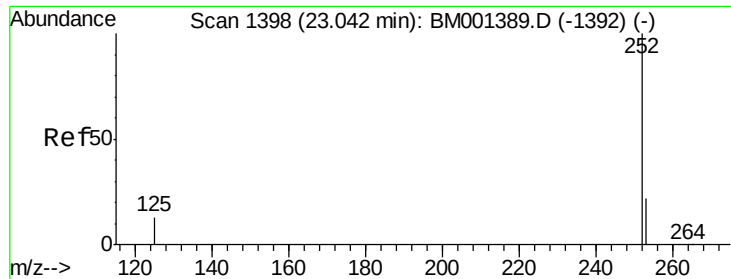
253 22.8 17.6 26.4

125 11.5 9.7 14.5



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: 0.92 ng

RT: 23.04 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215

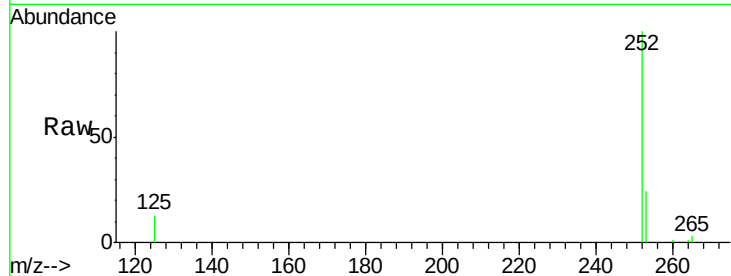
Tgt Ion:252 Resp: 12924

Ion Ratio Lower Upper

252 100

253 24.4 18.6 28.0

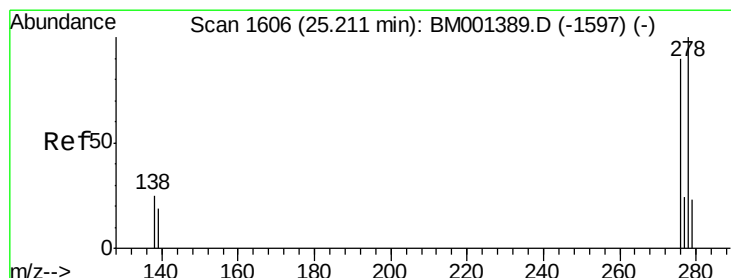
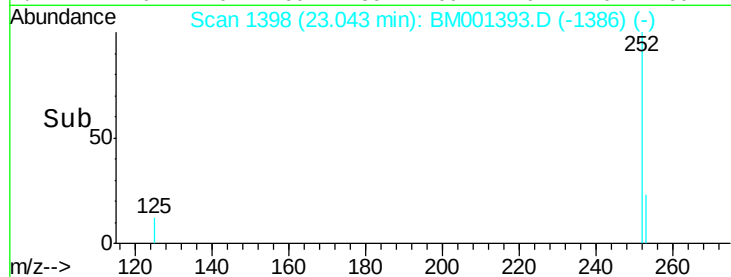
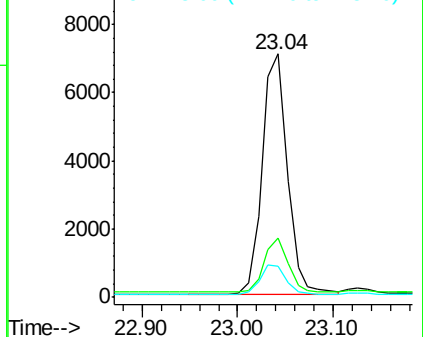
125 12.8 10.7 16.1



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: 0.94 ng

RT: 25.20 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM001393.D

Acq: 22 May 2015 21:29

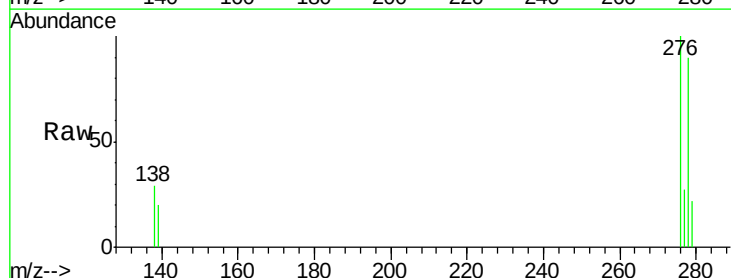
Tgt Ion:278 Resp: 11862

Ion Ratio Lower Upper

278 100

139 21.8 15.7 23.5

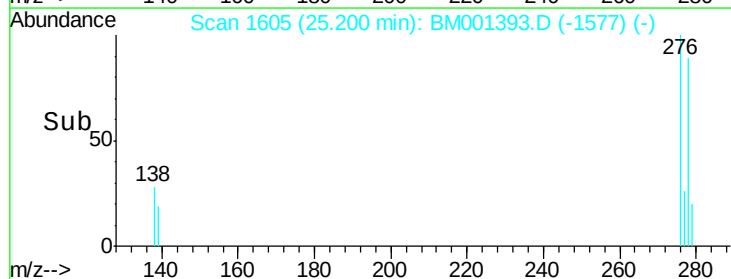
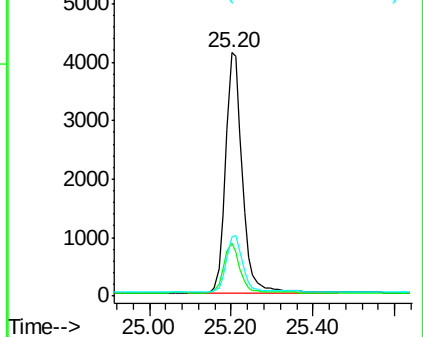
279 24.3 19.4 29.2

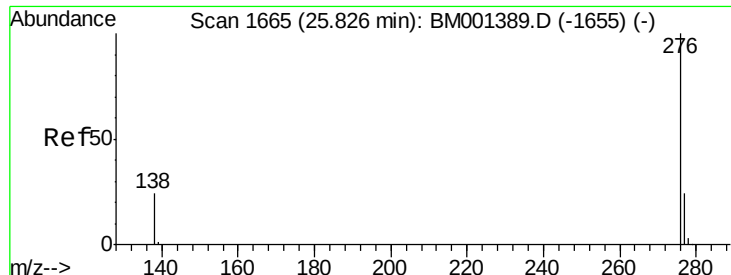


Abundance Ion 278.00 (277.70 to 278.70): E

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: 25.82 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001393.D

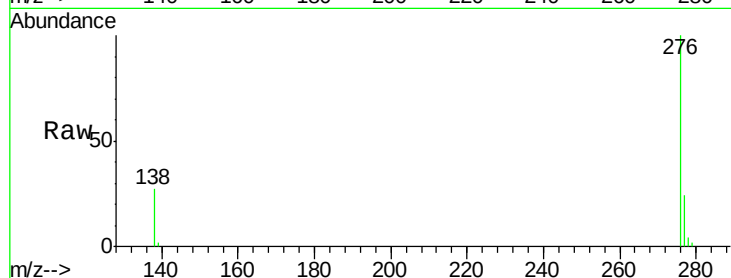
Acq: 22 May 2015 21:29

Instrument :

BNA_M

ClientSampleId :

ICVBM052215



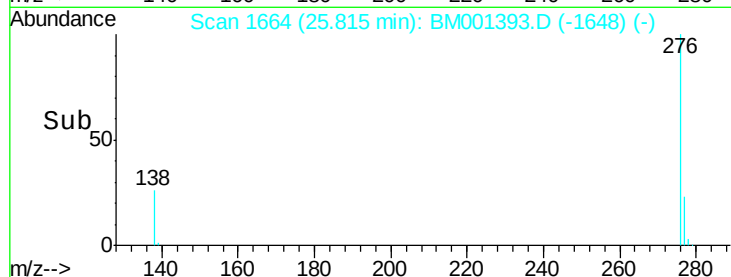
Tgt Ion: 276 Resp: 12636

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.6

138 26.5 20.2 30.2



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

