

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001398.D
 Acq On : 23 May 2015 01:39
 Operator : TP/IZ
 Sample : PB83556BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83556BSD

Quant Time: May 25 08:23:57 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

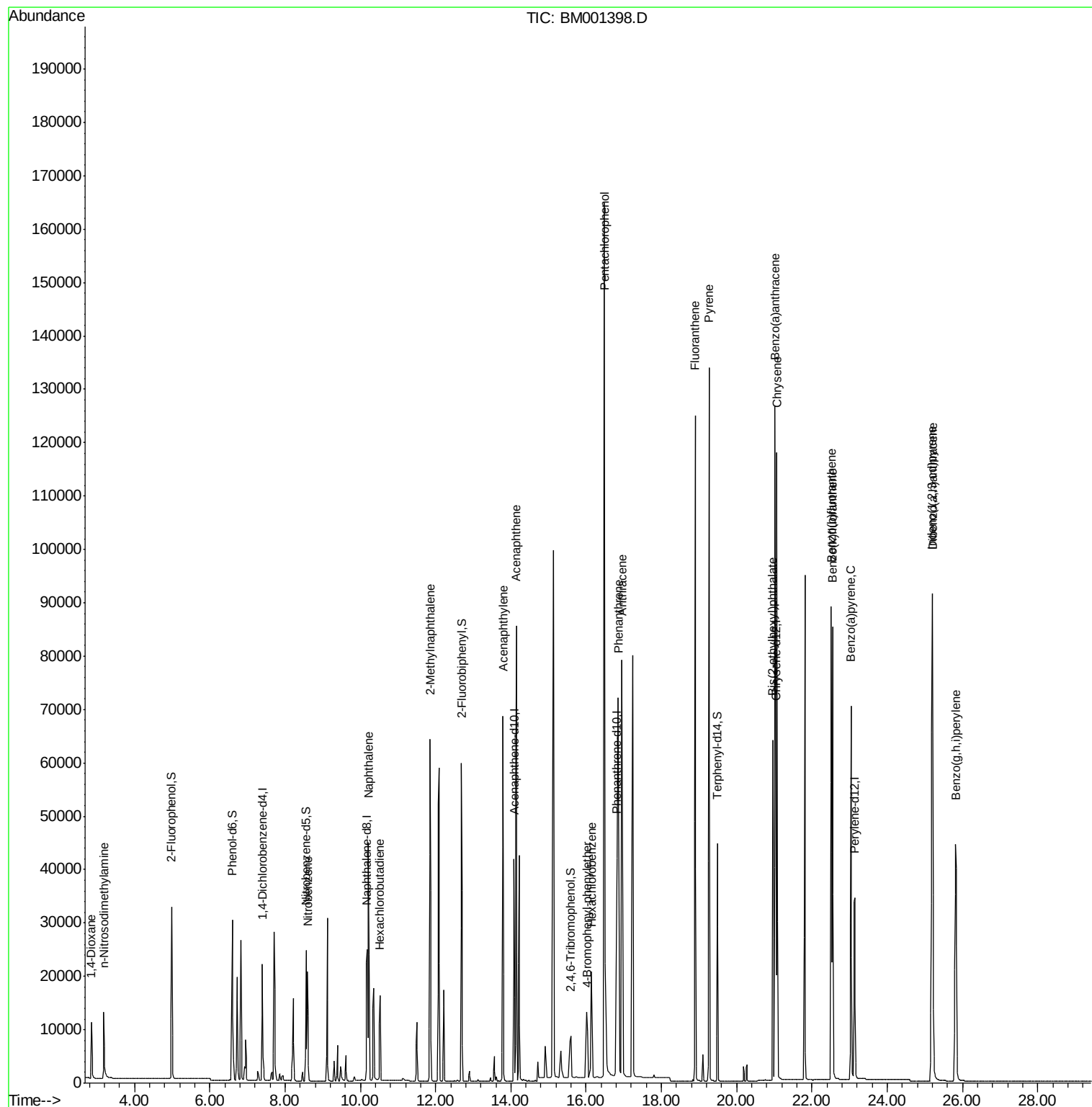
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	11035	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	41002	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	23273	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	79157	5.00	ng	0.00
25) Chrysene-d12	21.04	240	49706	5.00	ng	0.00
32) Perylene-d12	23.14	264	42751	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	24028	11.02	ng	0.00
5) Phenol-d6	6.60	99	29719	11.75	ng	0.00
7) Nitrobenzene-d5	8.55	82	19155	8.09	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	7969	11.02	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	54077	7.55	ng	0.00
27) Terphenyl-d14	19.48	244	47211	7.02	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.86	88	6453	7.85	ng	98
3) n-Nitrosodimethylamine	3.18	42	10398	7.37	ng	# 96
8) Nitrobenzene	8.60	77	20868	8.34	ng	98
9) Naphthalene	10.22	128	62462	7.16	ng	98
10) Hexachlorobutadiene	10.52	225	12799	7.20	ng	99
11) 2-Methylnaphthalene	11.86	142	45285	7.69	ng	96
15) Acenaphthylene	13.79	152	77151	7.84	ng	100
16) Acenaphthene	14.14	154	44445	7.25	ng	97
17) Fluorene	15.12	166	85818	Below Cal		100
19) 4-Bromophenyl-phenylether	16.04	248	8157	4.63	ng	# 94
20) Hexachlorobenzene	16.14	284	23793	4.80	ng	# 86
21) Pentachlorophenol	16.48	266	76353	15.41	ng	# 67
22) Phenanthrene	16.85	178	109324	4.65	ng	99
23) Anthracene	16.95	178	121782	8.61	ng	99
24) Fluoranthene	18.90	202	107793	7.39	ng	99
26) Pyrene	19.26	202	115897	7.72	ng	100
28) Benzo(a)anthracene	21.02	228	103289	7.04	ng	93
29) Chrysene	21.07	228	93219	7.09	ng	96
30) Bis(2-ethylhexyl)phthalate	20.96	149	66329	8.37	ng	99
31) Indeno(1,2,3-cd)pyrene	25.19	276	99543	6.86	ng	99
33) Benzo(b)fluoranthene	22.51	252	104122	8.04	ng	98
34) Benzo(k)fluoranthene	22.55	252	90868	7.52	ng	99
35) Benzo(a)pyrene	23.03	252	92734	8.11	ng	96
36) Dibenzo(a,h)anthracene	25.20	278	79141	7.64	ng	98
37) Benzo(g,h,i)perylene	25.82	276	81839	7.43	ng	98

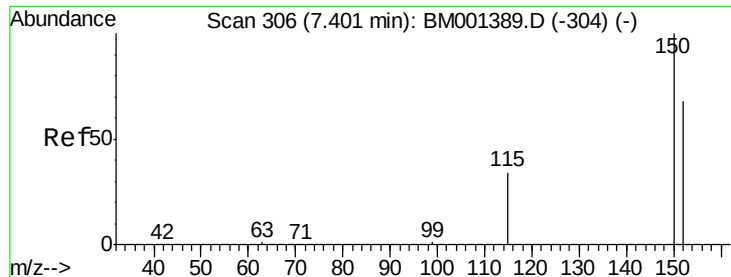
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

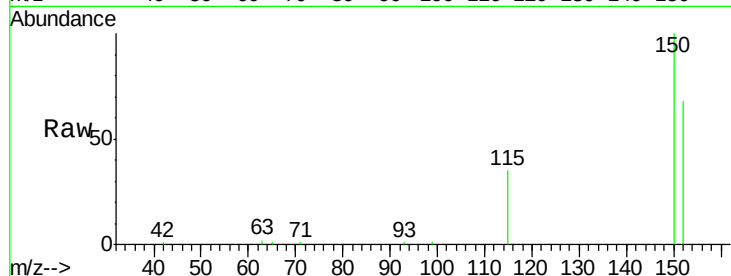
Tgt Ion:152 Resp: 11035

Ion Ratio Lower Upper

152 100

150 146.2 119.0 178.6

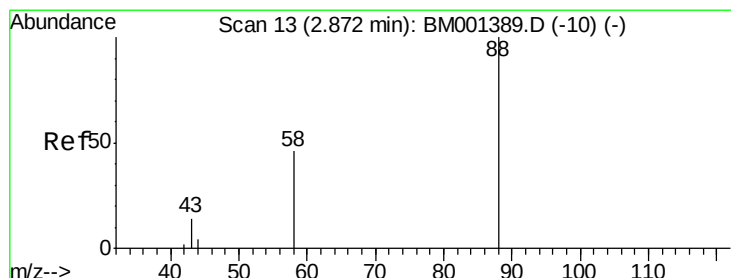
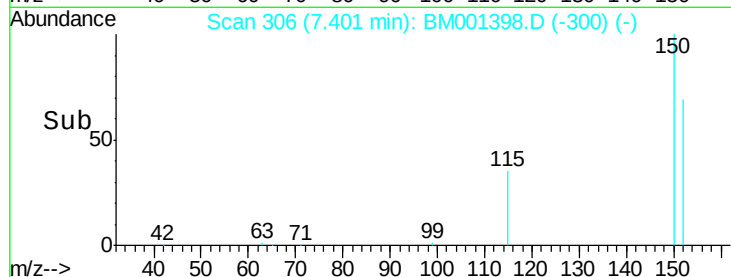
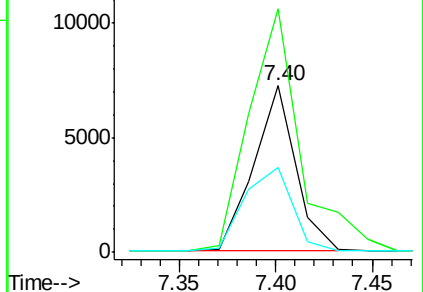
115 51.0 41.8 62.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 7.85 ng

RT: 2.86 min Scan# 12

Delta R.T. -0.01 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

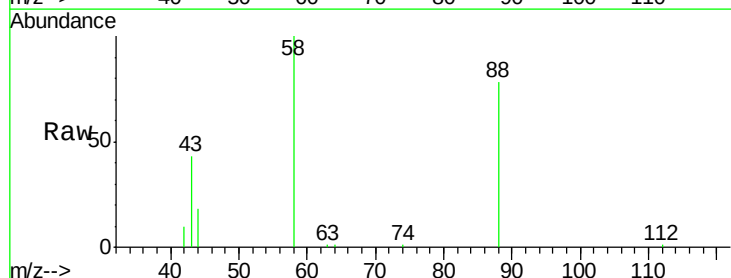
Tgt Ion: 88 Resp: 6453

Ion Ratio Lower Upper

88 100

58 88.6 71.3 106.9

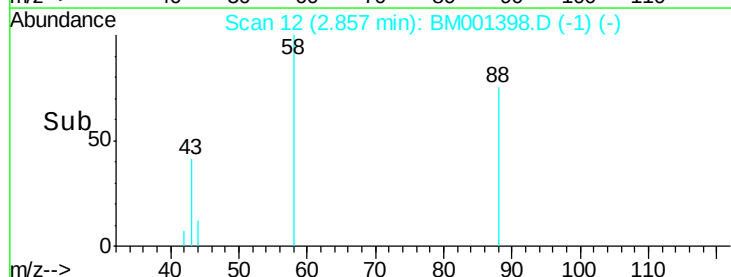
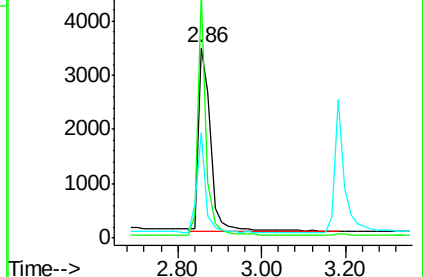
43 42.0 35.5 53.3

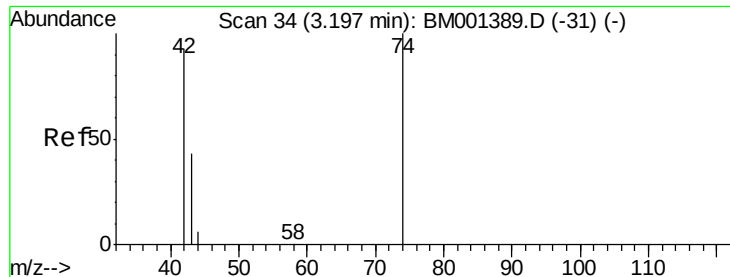


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 7.37 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.02 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

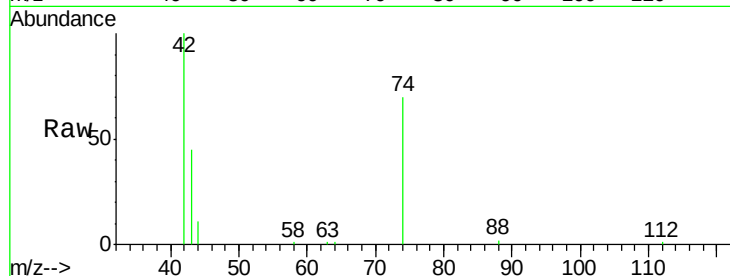
Tgt Ion: 42 Resp: 10398

Ion Ratio Lower Upper

42 100

74 94.0 72.2 108.2

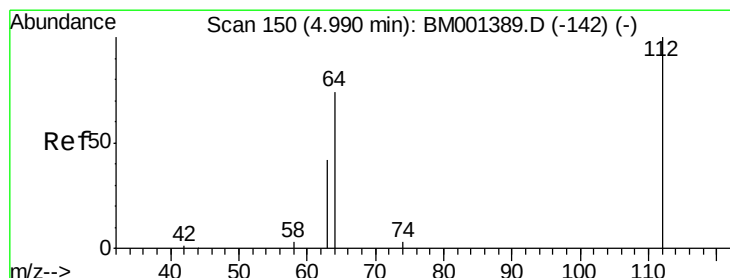
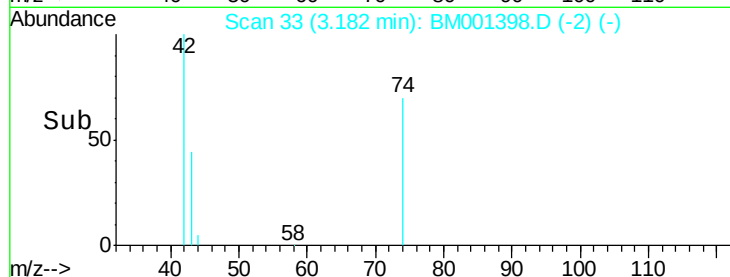
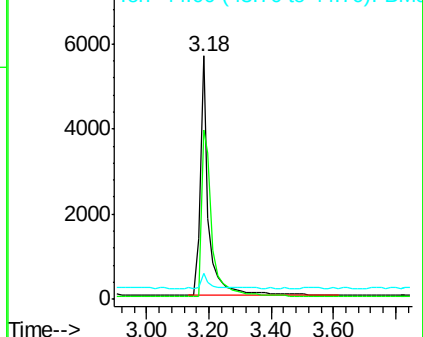
44 5.7 6.2 9.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001398.D (-31) (-)

Ion 74.00 (73.70 to 74.70): BM001398.D (-31) (-)

Ion 44.00 (43.70 to 44.70): BM001398.D (-31) (-)



#4

2-Fluorophenol

Concen: 11.02 ng

RT: 4.99 min Scan# 150

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

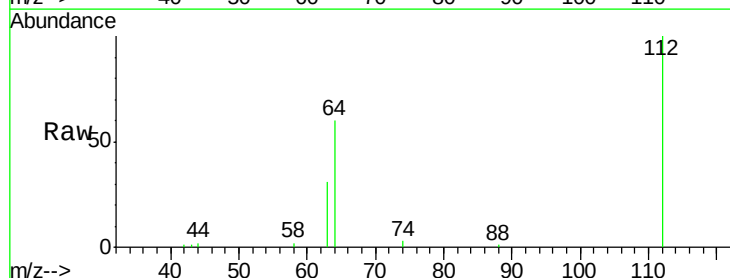
Tgt Ion: 112 Resp: 24028

Ion Ratio Lower Upper

112 100

64 64.4 51.7 77.5

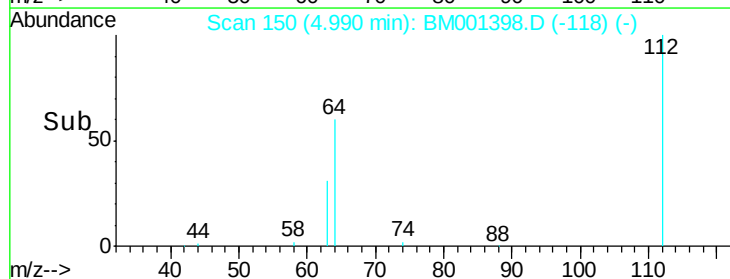
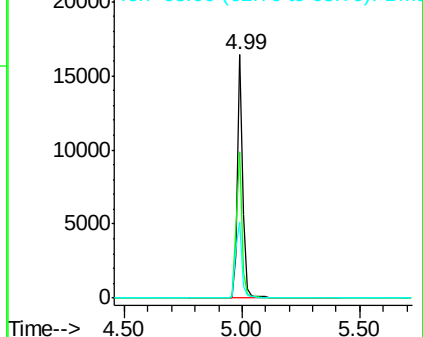
63 36.5 29.7 44.5

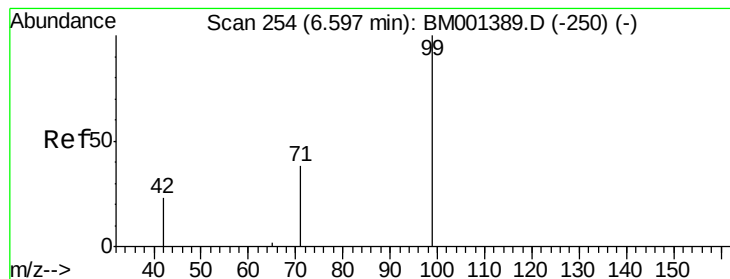


Abundance Ion 112.00 (111.70 to 112.70): BM001398.D (-142) (-)

Ion 64.00 (63.70 to 64.70): BM001398.D (-142) (-)

Ion 63.00 (62.70 to 63.70): BM001398.D (-142) (-)





#5

Phenol-d6

Concen: 11.75 ng

RT: 6.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

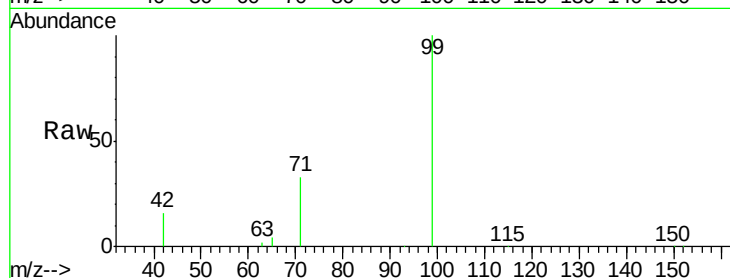
Tgt Ion: 99 Resp: 29719

Ion Ratio Lower Upper

99 100

42 27.0 21.8 32.6

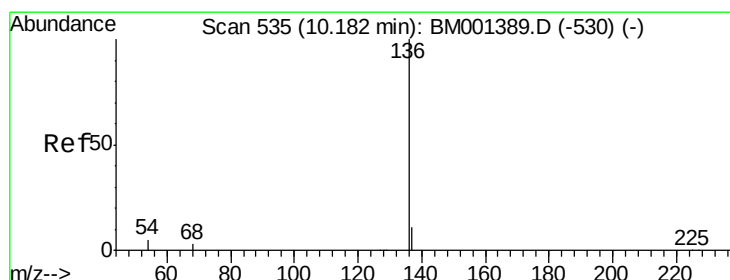
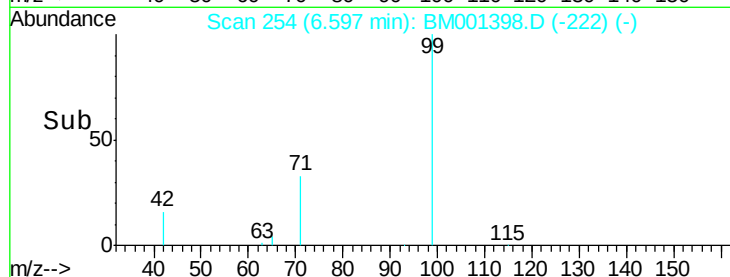
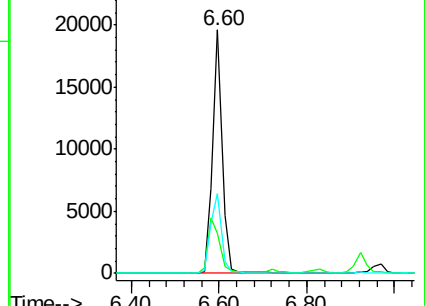
71 36.8 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001398.D (-250) (-)

Ion 42.00 (41.70 to 42.70): BM001398.D (-250) (-)

Ion 71.00 (70.70 to 71.70): BM001398.D (-250) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.18 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Tgt Ion: 136 Resp: 41002

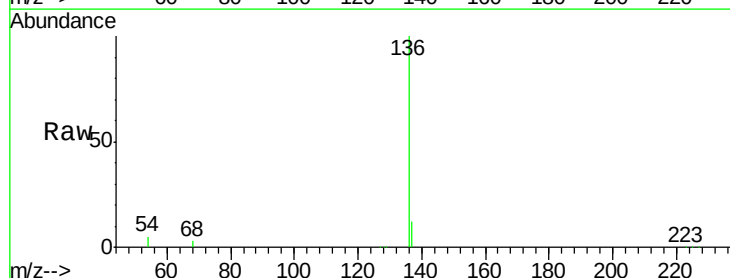
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 4.8 4.3 6.5

68 3.1 2.6 4.0

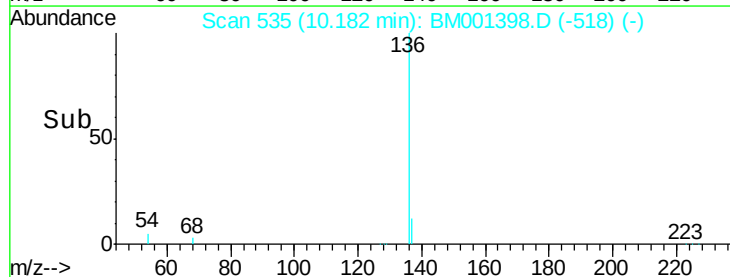
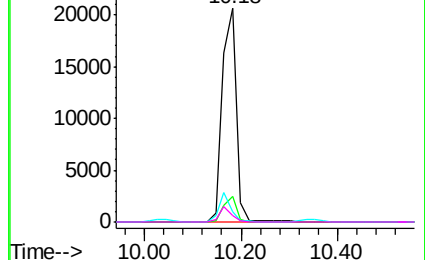


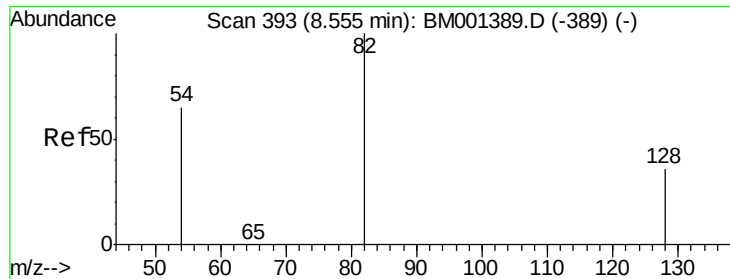
Abundance Ion 136.00 (135.70 to 136.70): BM001398.D (-530) (-)

Ion 137.00 (136.70 to 137.70): BM001398.D (-530) (-)

Ion 54.00 (53.70 to 54.70): BM001398.D (-530) (-)

Ion 68.00 (67.70 to 68.70): BM001398.D (-530) (-)





#7

Nitrobenzene-d5

Concen: 8.09 ng

RT: 8.55 min Scan# 393

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

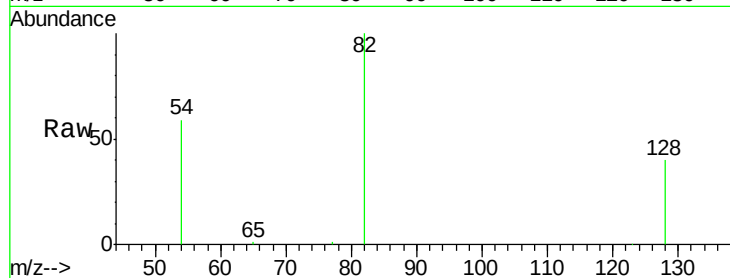
Tgt Ion: 82 Resp: 19155

Ion Ratio Lower Upper

82 100

128 40.1 30.2 45.4

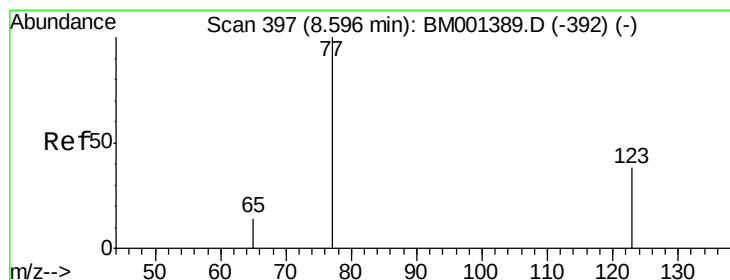
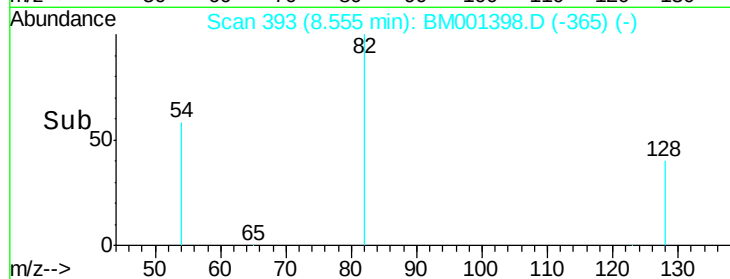
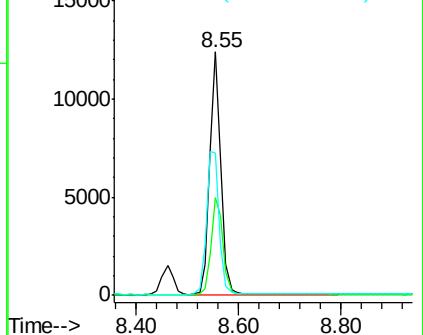
54 58.7 52.9 79.3



Abundance Ion 82.00 (81.70 to 82.70): BM001389.D (-389) (-)

Ion 128.00 (127.70 to 128.70): BM001389.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM001389.D (-389) (-)



#8

Nitrobenzene

Concen: 8.34 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

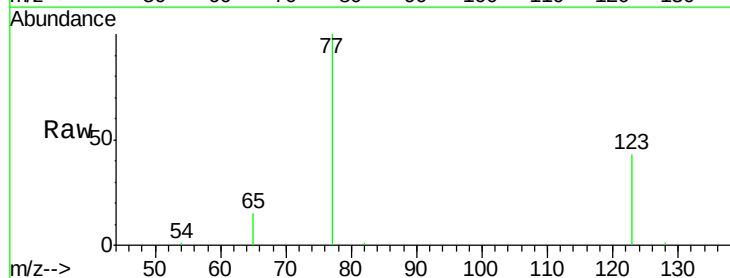
Tgt Ion: 77 Resp: 20868

Ion Ratio Lower Upper

77 100

123 43.8 33.7 50.5

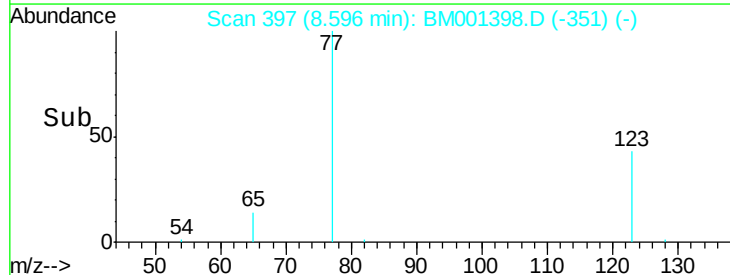
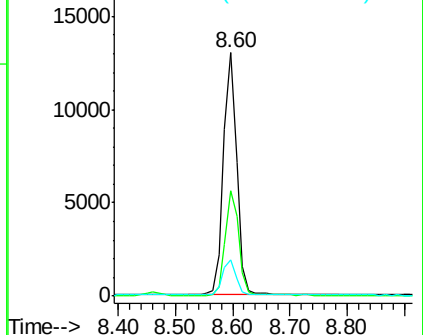
65 14.7 11.3 16.9

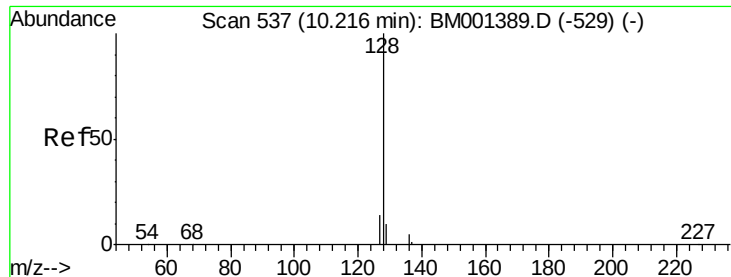


Abundance Ion 77.00 (76.70 to 77.70): BM001389.D (-392) (-)

Ion 123.00 (122.70 to 123.70): BM001389.D (-392) (-)

Ion 65.00 (64.70 to 65.70): BM001389.D (-392) (-)





#9

Naphthalene

Concen: 7.16 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

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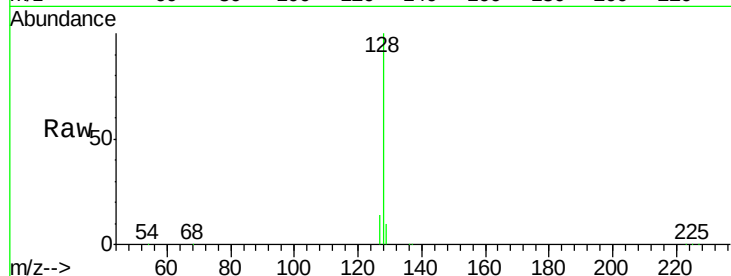
Tgt Ion:128 Resp: 62462

Ion Ratio Lower Upper

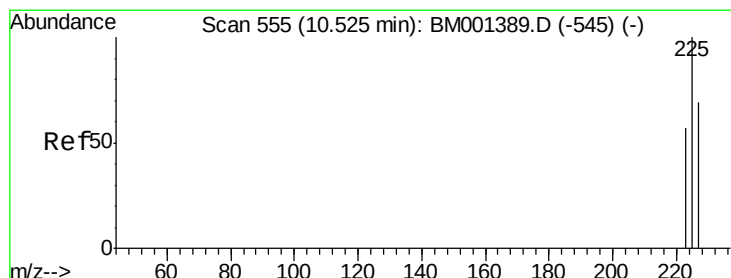
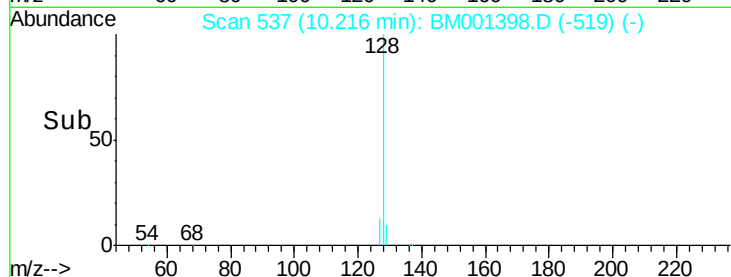
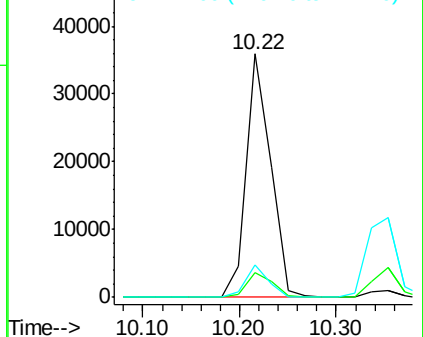
128 100

129 10.4 8.6 13.0

127 13.5 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: 7.20 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

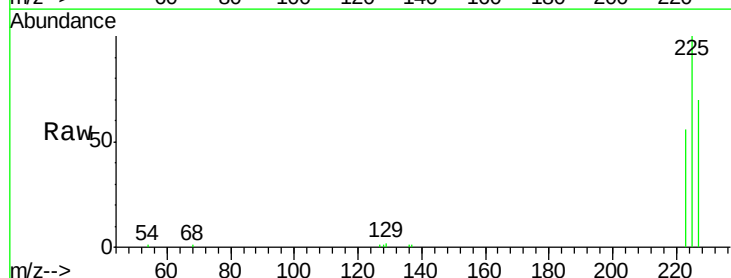
Tgt Ion:225 Resp: 12799

Ion Ratio Lower Upper

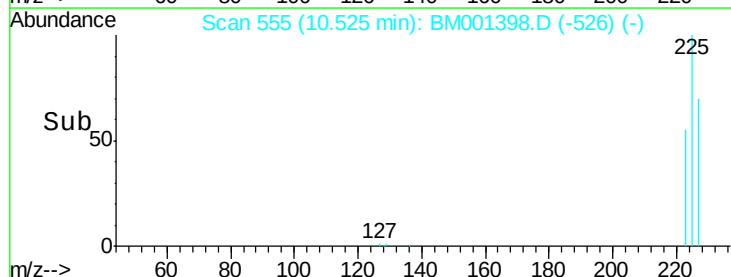
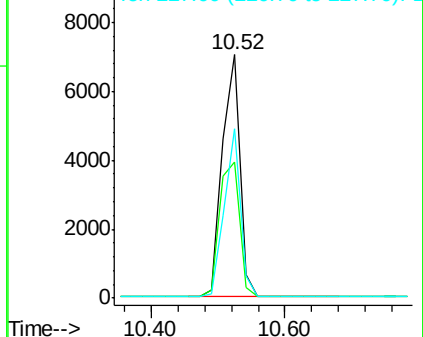
225 100

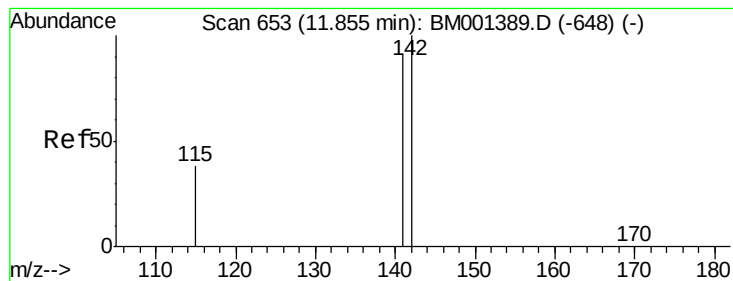
223 63.2 50.2 75.2

227 63.5 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: 7.69 ng

RT: 11.86 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

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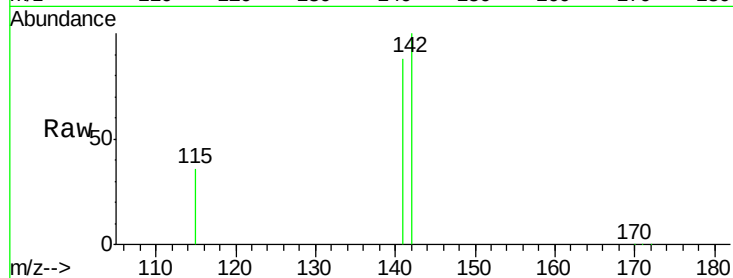
Tgt Ion:142 Resp: 45285

Ion Ratio Lower Upper

142 100

141 88.1 72.6 109.0

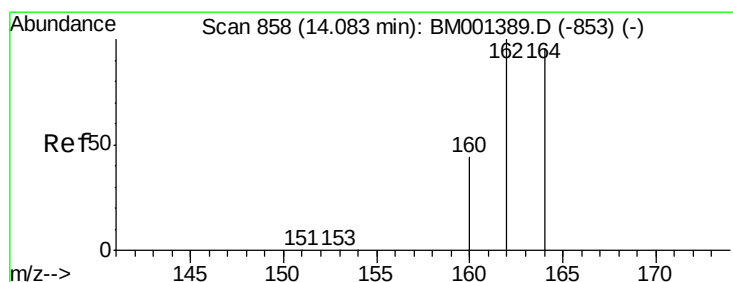
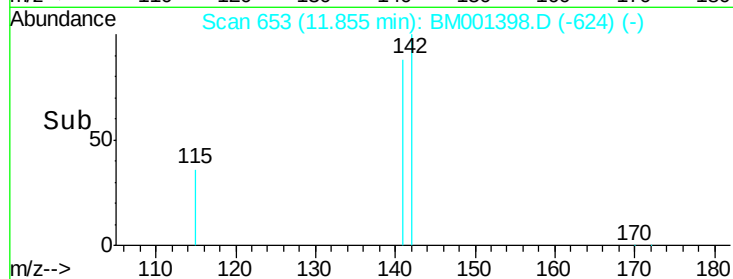
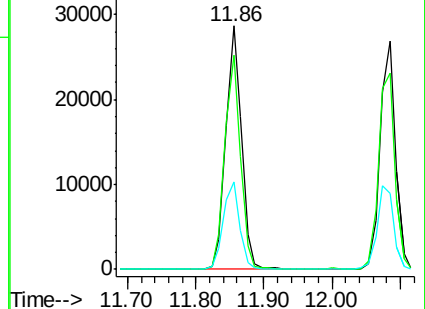
115 35.7 31.2 46.8



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.08 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

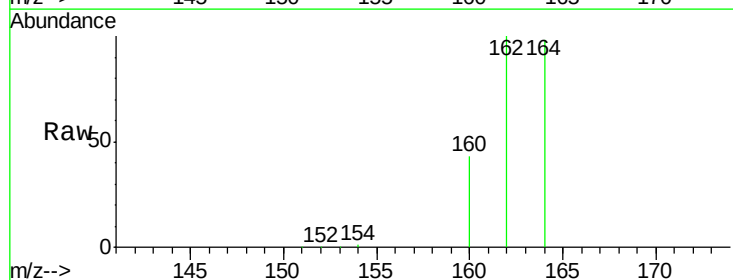
Tgt Ion:164 Resp: 23273

Ion Ratio Lower Upper

164 100

162 102.2 83.4 125.2

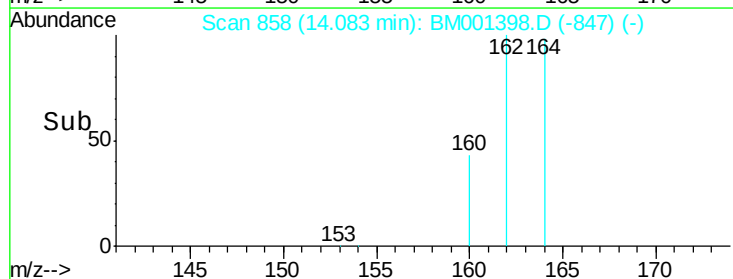
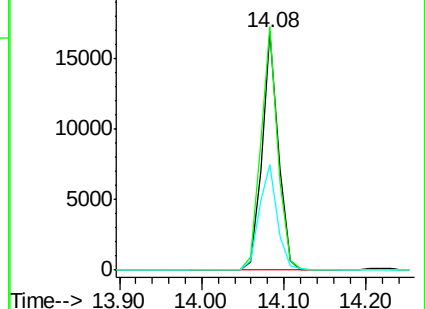
160 44.3 36.9 55.3

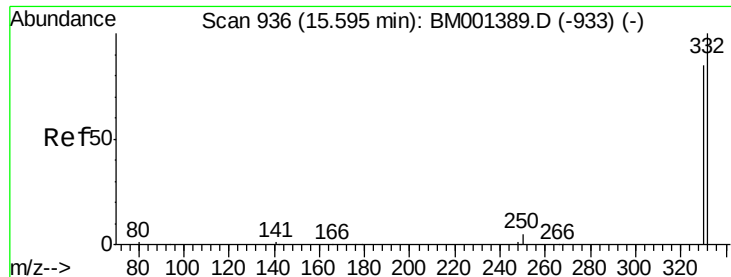


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

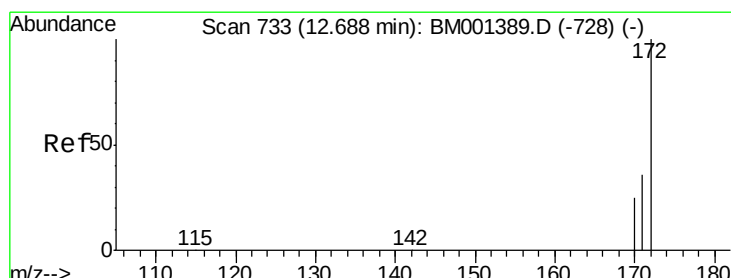
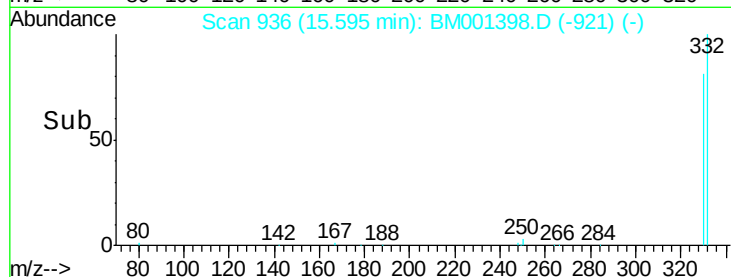
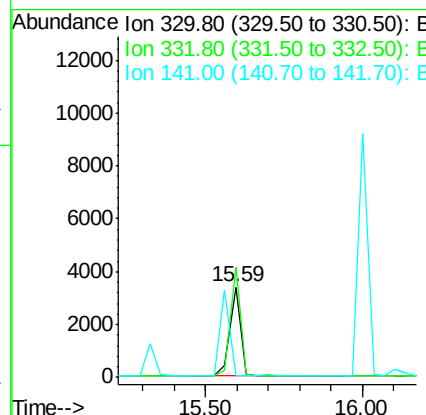
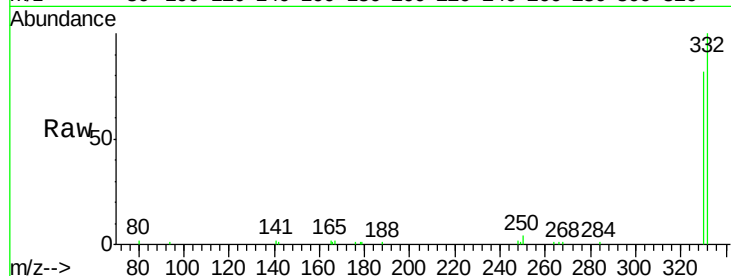




#13
 2,4,6-Tribromophenol
 Concen: 11.02 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001398.D
 Acq: 23 May 2015 01:39

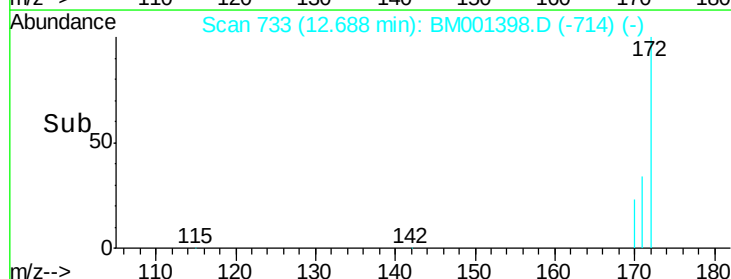
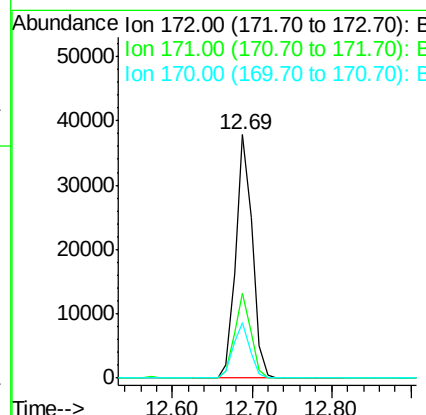
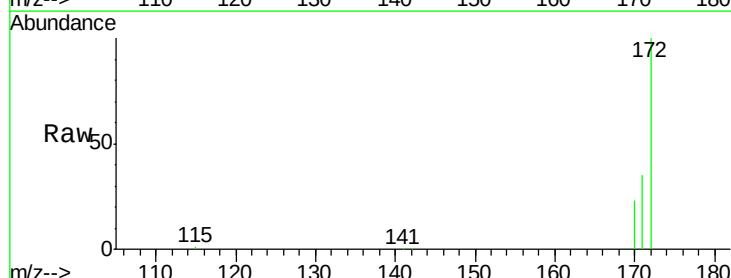
Instrument :
 BNA_M
 ClientSampleId :
 PB83556BSD

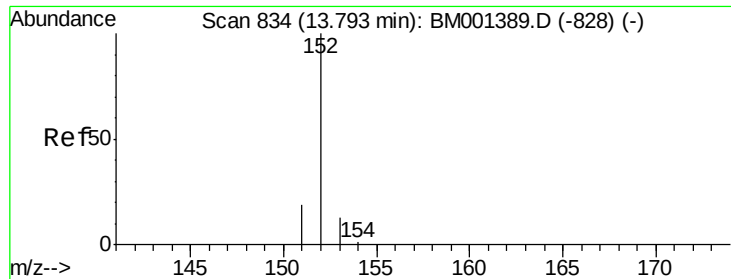
Tgt Ion:330 Resp: 7969
 Ion Ratio Lower Upper
 330 100
 332 115.7 90.3 135.5
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 7.55 ng
 RT: 12.69 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BM001398.D
 Acq: 23 May 2015 01:39

Tgt Ion:172 Resp: 54077
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.4 44.0
 170 22.9 20.2 30.4





#15

Acenaphthylene

Concen: 7.84 ng

RT: 13.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

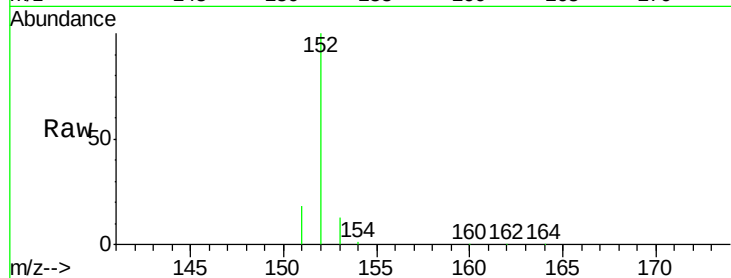
Tgt Ion:152 Resp: 77151

Ion Ratio Lower Upper

152 100

151 18.9 15.1 22.7

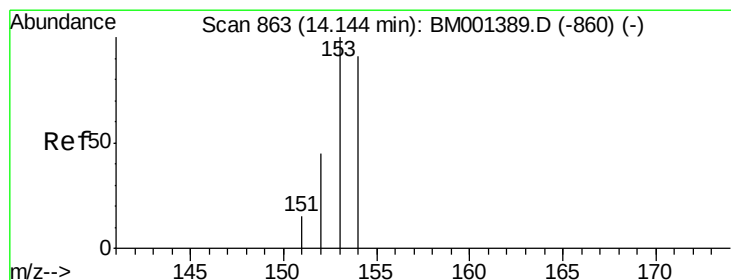
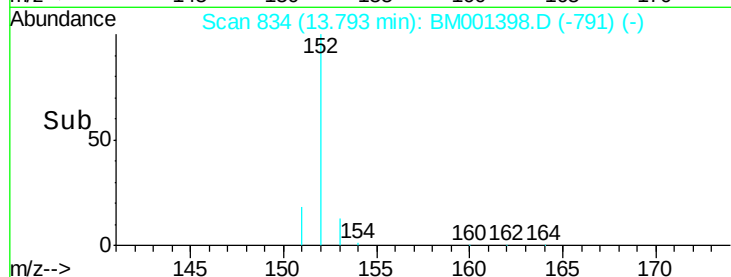
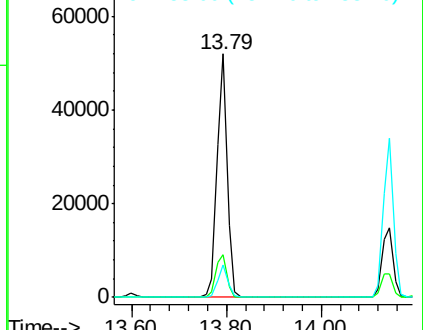
153 12.8 10.2 15.4



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: 7.25 ng

RT: 14.14 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

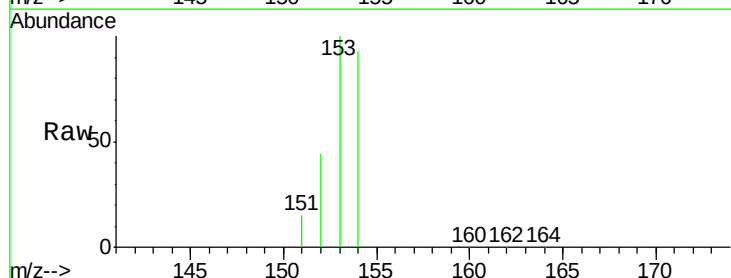
Tgt Ion:154 Resp: 44445

Ion Ratio Lower Upper

154 100

153 111.8 91.4 137.2

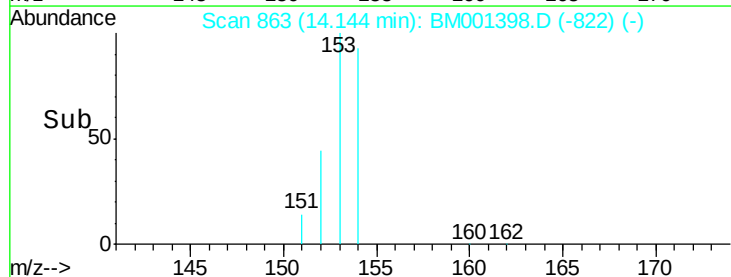
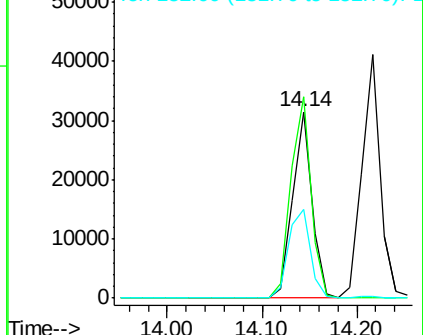
152 52.8 44.0 66.0

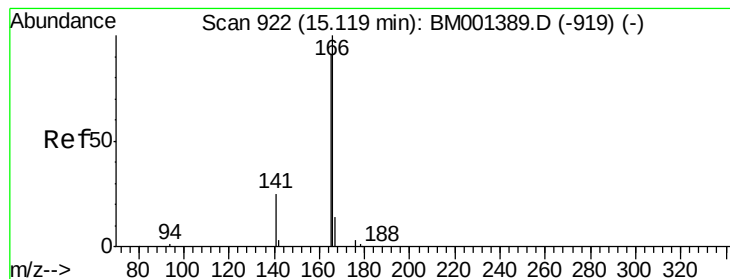


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: Below Cal

RT: 15.12 min Scan# 922

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

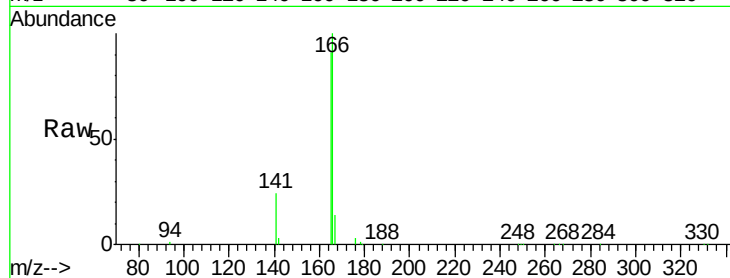
Tgt Ion:166 Resp: 85818

Ion Ratio Lower Upper

166 100

165 90.6 72.6 108.8

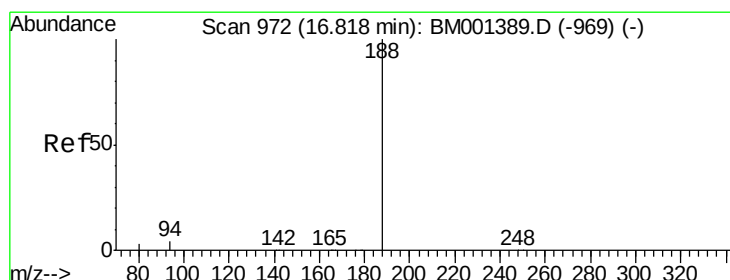
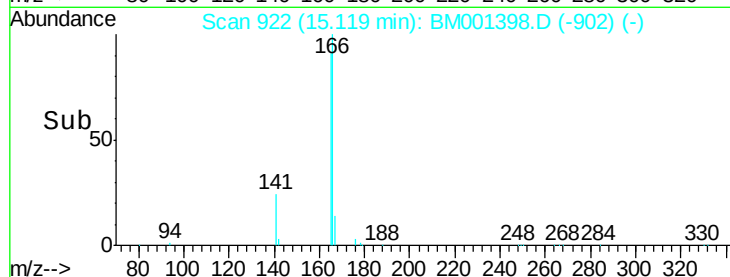
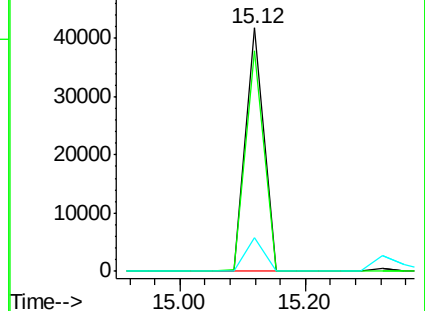
167 13.9 10.9 16.3



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: BM001398.D

Acq: 23 May 2015 01:39

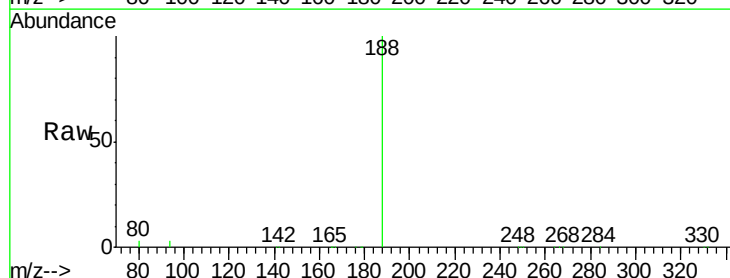
Tgt Ion:188 Resp: 79157

Ion Ratio Lower Upper

188 100

94 3.5 3.0 4.4

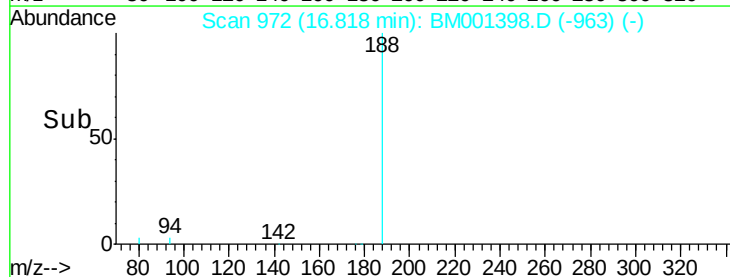
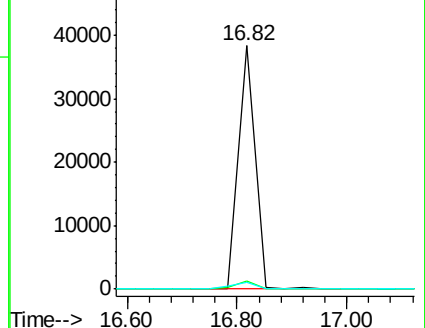
80 3.0 2.5 3.7

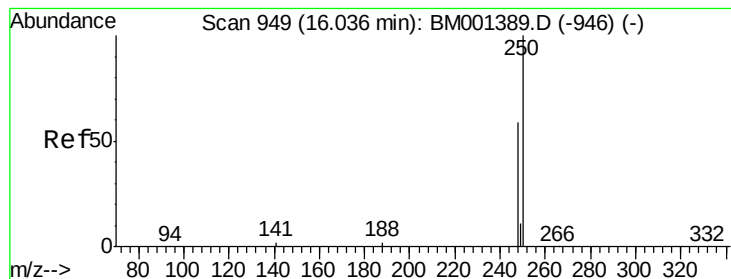


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 4.63 ng

RT: 16.04 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

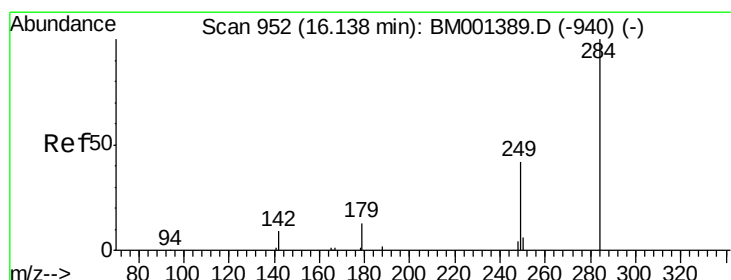
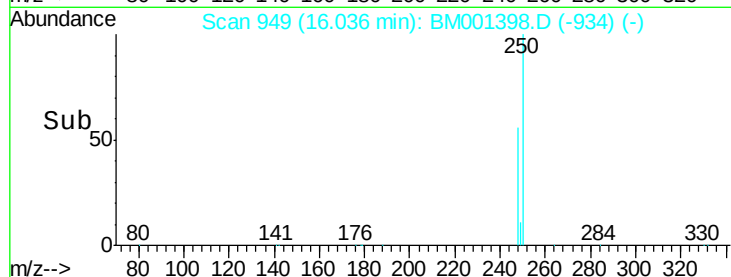
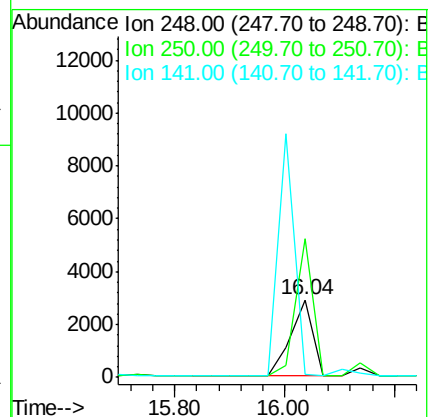
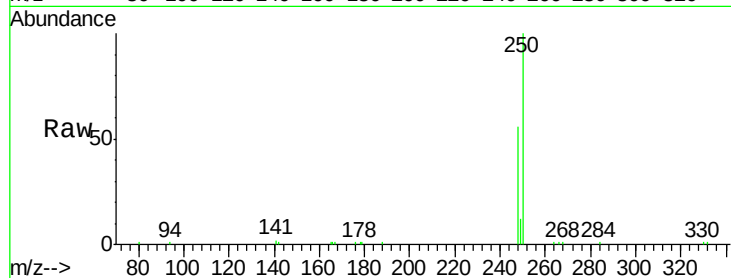
Tgt Ion:248 Resp: 8157

Ion Ratio Lower Upper

248 100

250 139.8 117.8 176.6

141 0.0 0.0 0.0



#20

Hexachlorobenzene

Concen: 4.80 ng

RT: 16.14 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

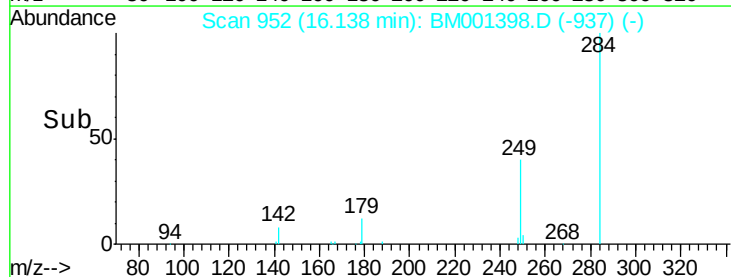
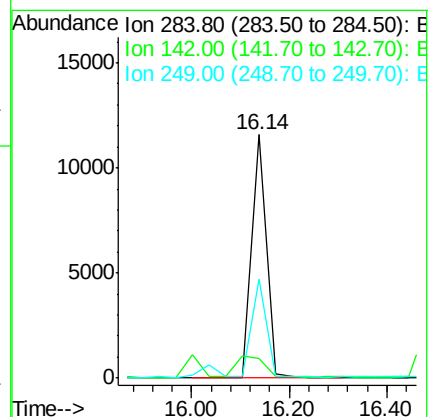
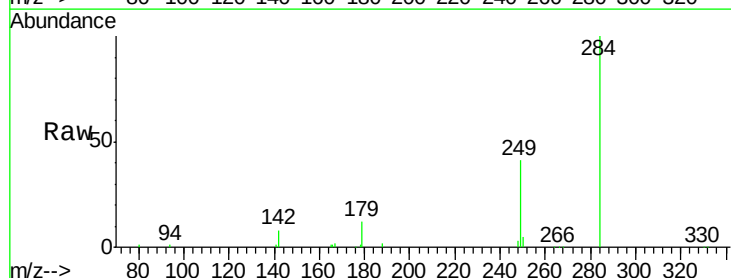
Tgt Ion:284 Resp: 23793

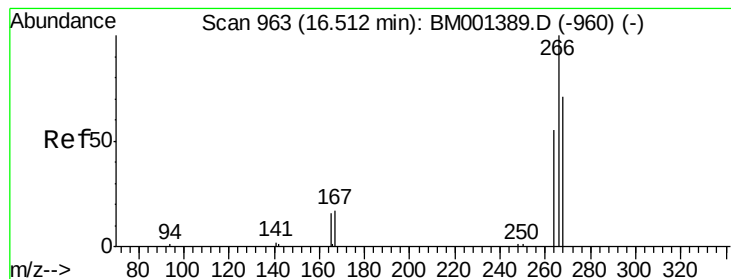
Ion Ratio Lower Upper

284 100

142 0.0 13.9 20.9#

249 45.9 39.0 58.4





#21

Pentachlorophenol

Concen: 15.41 ng

RT: 16.48 min Scan# 962

Delta R.T. -0.03 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

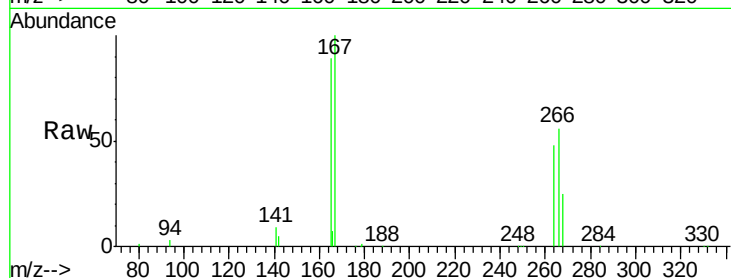
Tgt Ion:266 Resp: 76353

Ion Ratio Lower Upper

266 100

268 44.4 63.0 94.4#

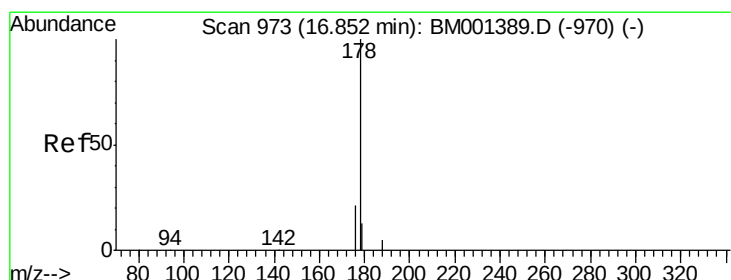
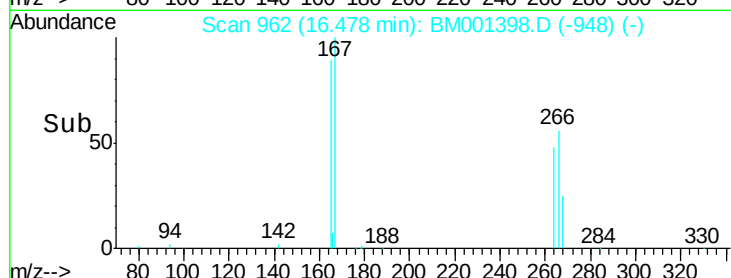
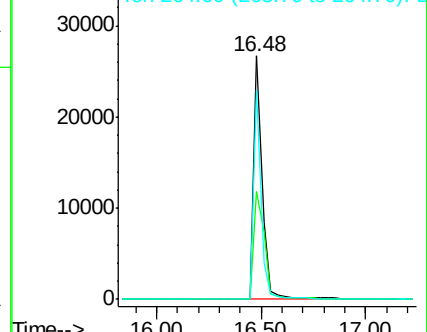
264 85.6 52.8 79.2#



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: 4.65 ng

RT: 16.85 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

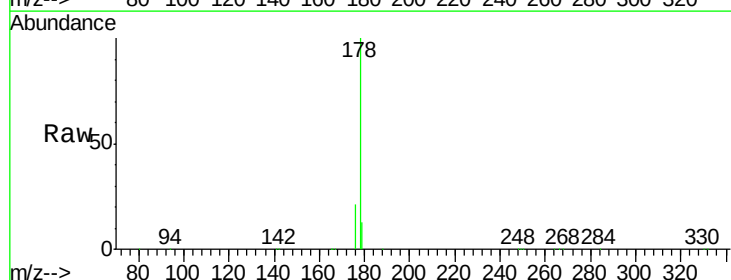
Tgt Ion:178 Resp: 109324

Ion Ratio Lower Upper

178 100

176 21.3 16.8 25.2

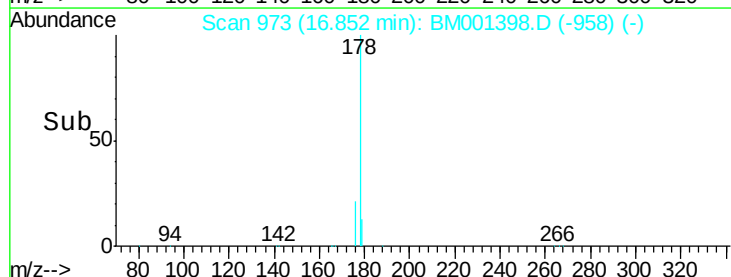
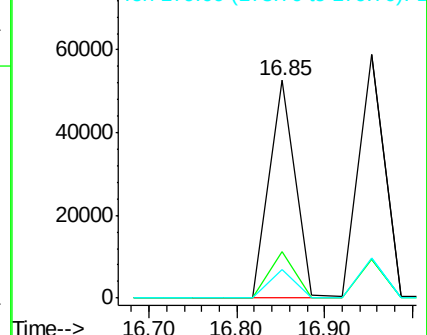
179 13.4 11.0 16.4

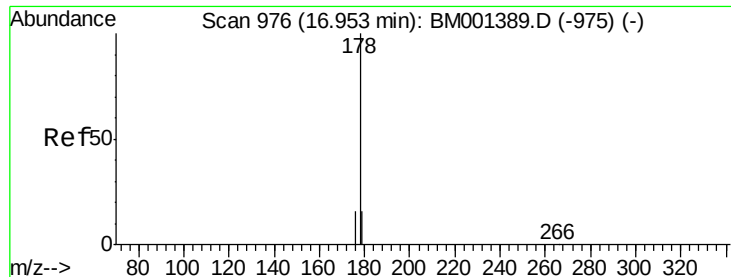


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 8.61 ng

RT: 16.95 min Scan# 976

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

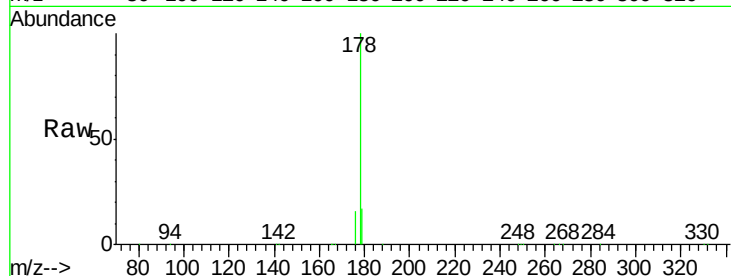
Tgt Ion:178 Resp: 121782

Ion Ratio Lower Upper

178 100

176 16.1 13.1 19.7

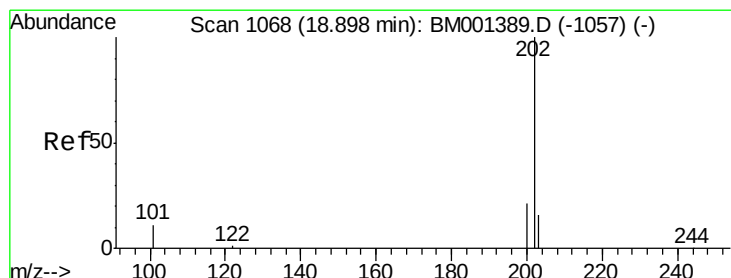
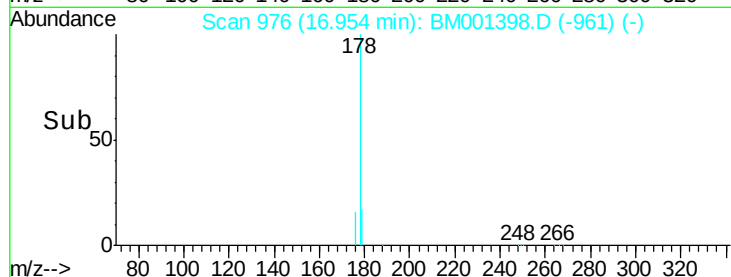
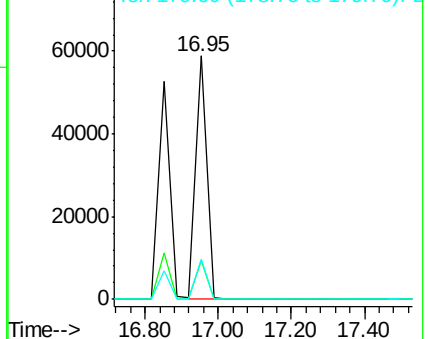
179 16.7 12.8 19.2



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



#24

Fluoranthene

Concen: 7.39 ng

RT: 18.90 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

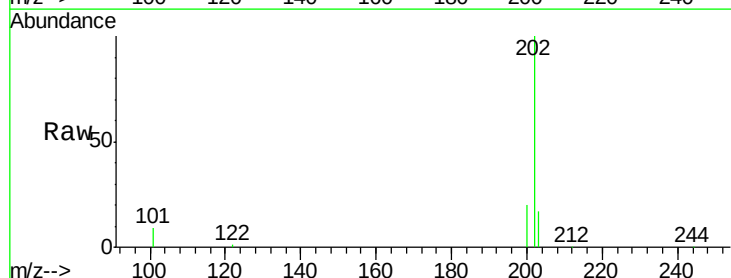
Tgt Ion:202 Resp: 107793

Ion Ratio Lower Upper

202 100

101 11.0 8.6 12.8

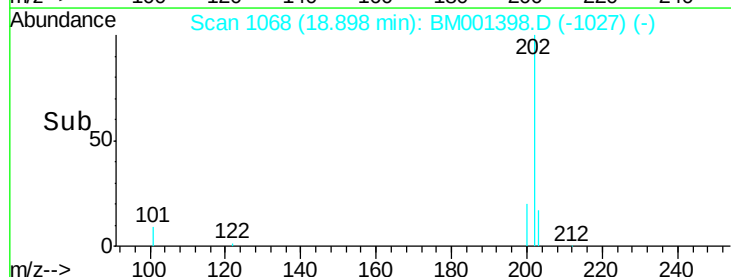
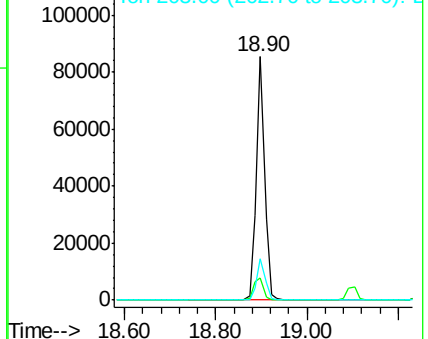
203 16.9 13.8 20.6

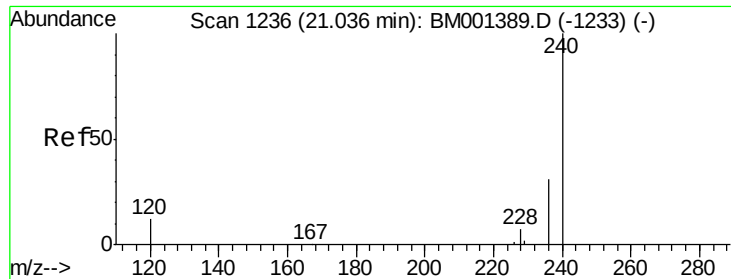


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

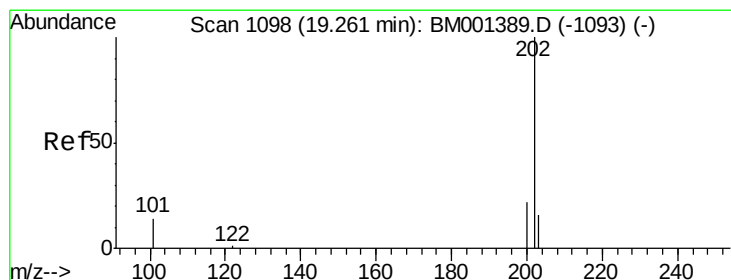
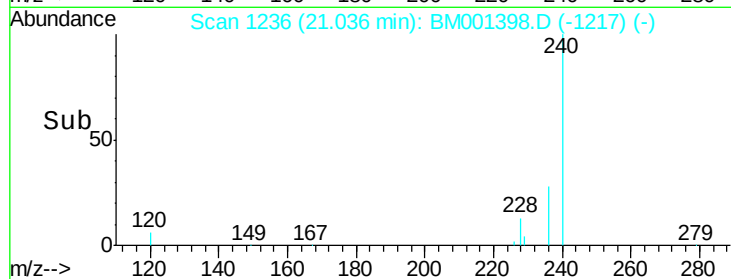
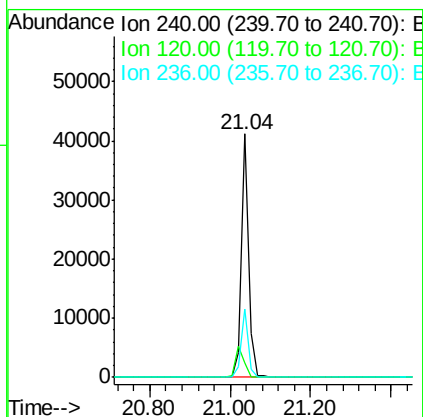
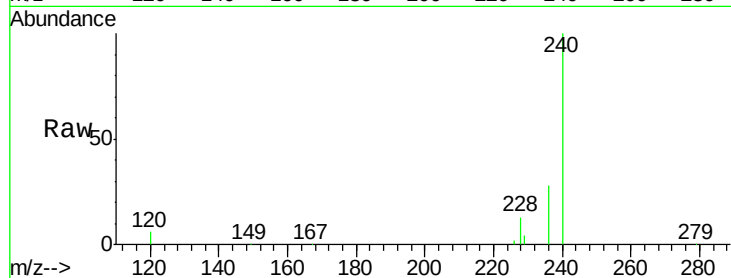




#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.04 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BM001398.D
 Acq: 23 May 2015 01:39

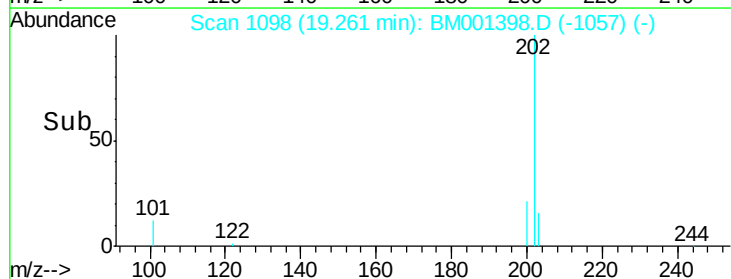
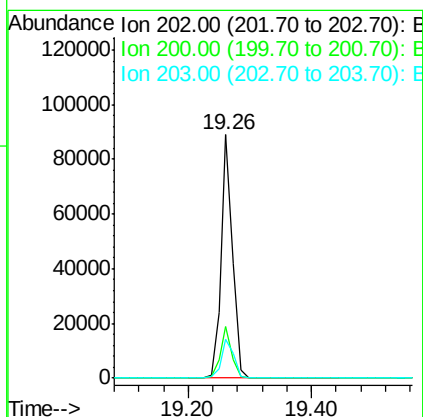
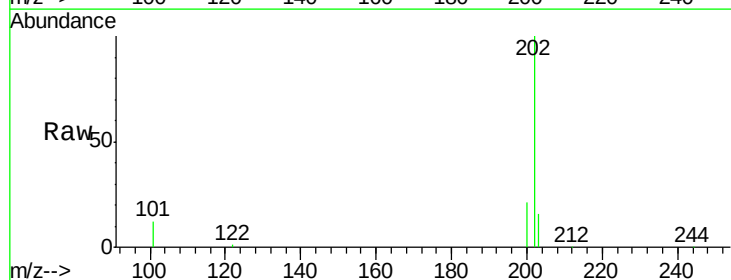
Instrument :
 BNA_M
 ClientSampleId :
 PB83556BSD

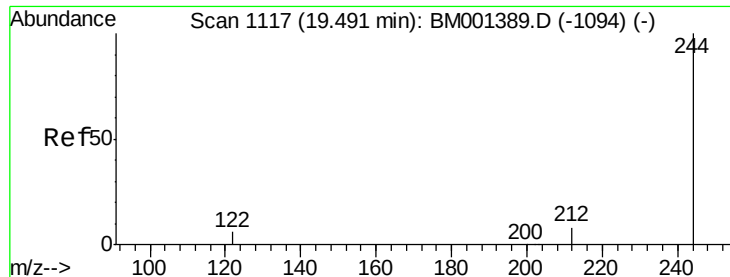
Tgt Ion:240 Resp: 49706
 Ion Ratio Lower Upper
 240 100
 120 6.0 9.7 14.5#
 236 27.8 24.8 37.2



#26
 Pyrene
 Concen: 7.72 ng
 RT: 19.26 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BM001398.D
 Acq: 23 May 2015 01:39

Tgt Ion:202 Resp: 115897
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.4 24.6
 203 17.7 13.9 20.9





#27

Terphenyl-d14

Concen: 7.02 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

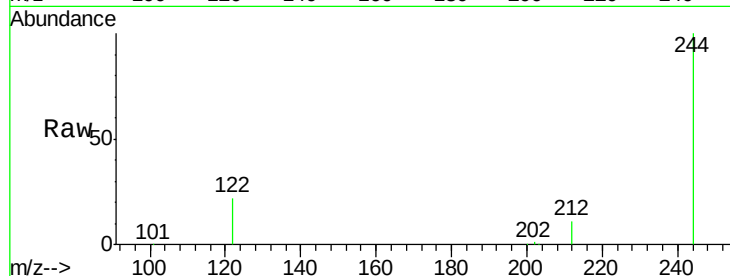
Tgt Ion:244 Resp: 47211

Ion Ratio Lower Upper

244 100

212 10.9 7.2 10.8#

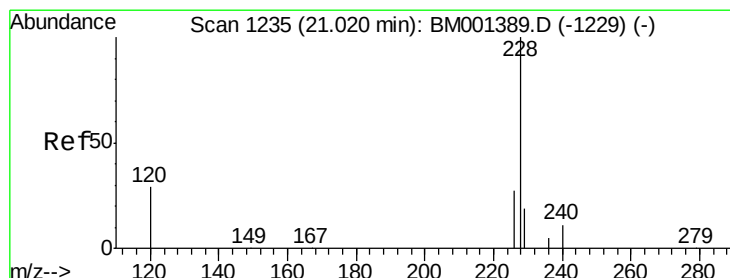
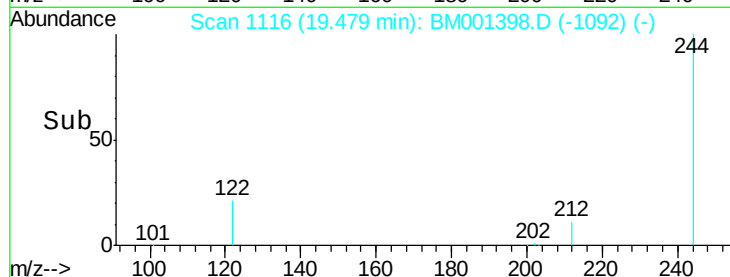
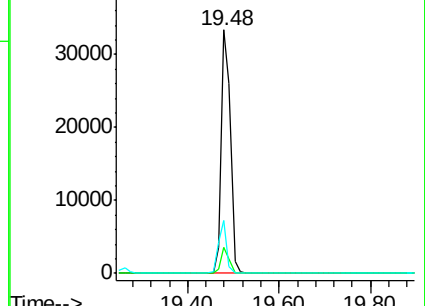
122 21.6 5.1 7.7#



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: 7.04 ng

RT: 21.02 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

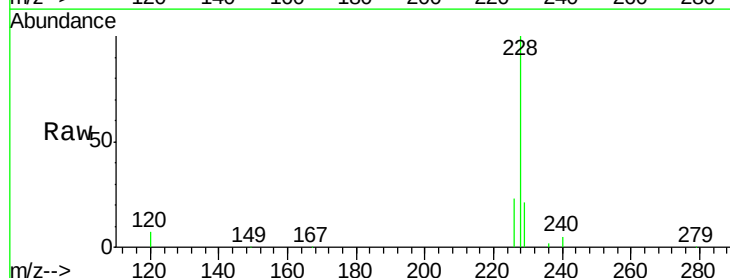
Tgt Ion:228 Resp: 103289

Ion Ratio Lower Upper

228 100

226 23.4 21.9 32.9

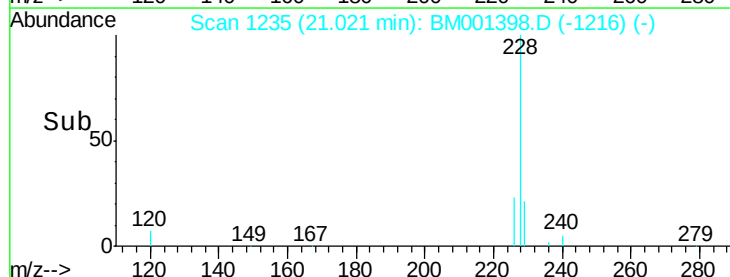
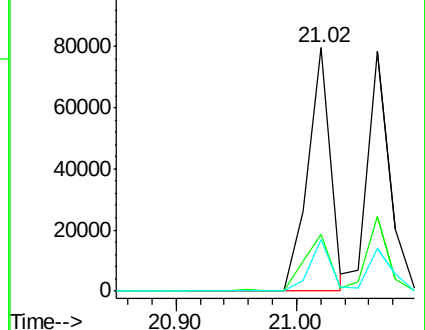
229 21.2 15.1 22.7

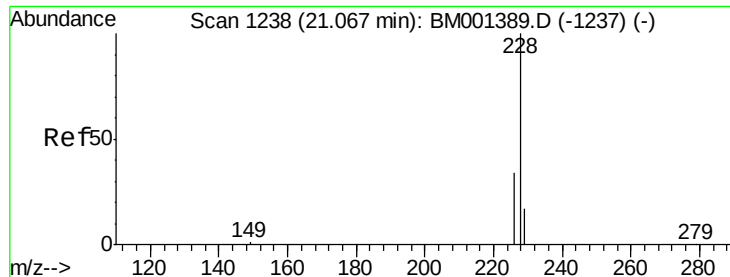


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 7.09 ng

RT: 21.07 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

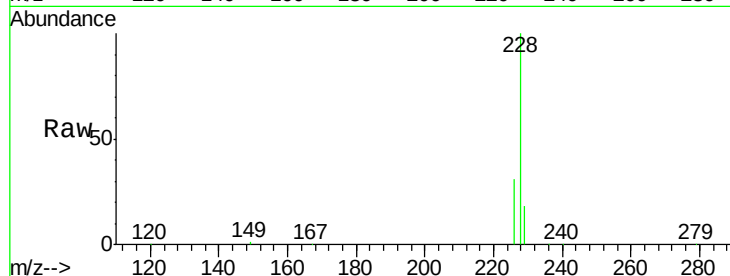
Tgt Ion:228 Resp: 93219

Ion Ratio Lower Upper

228 100

226 31.2 27.6 41.4

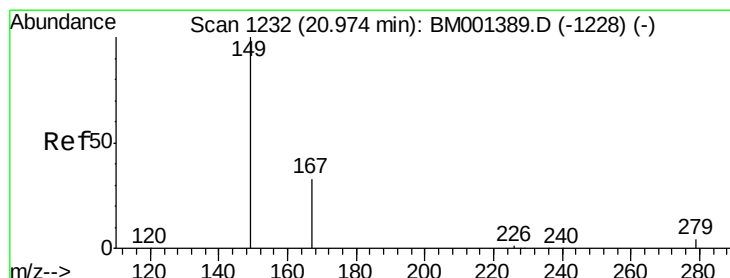
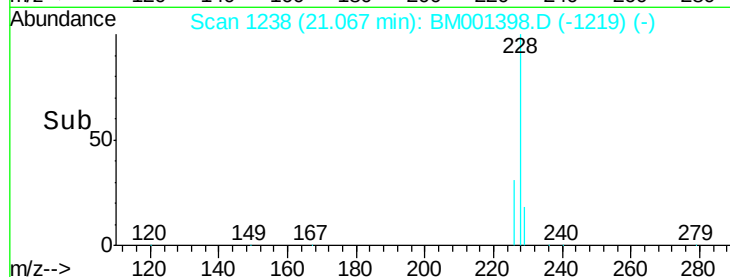
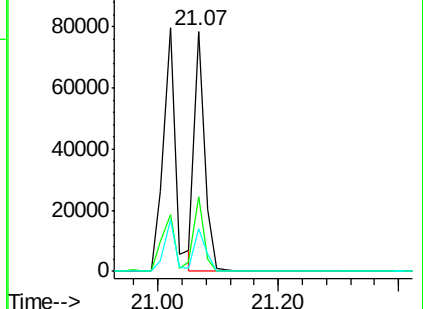
229 17.7 13.6 20.4



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: 8.37 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

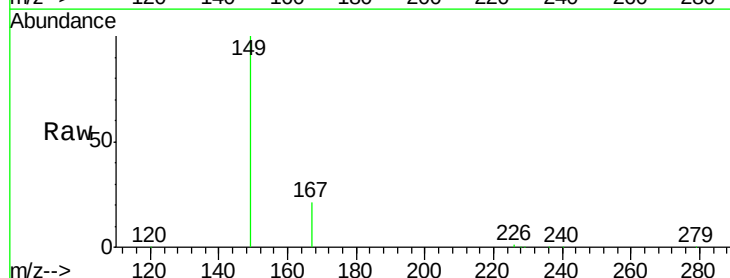
Tgt Ion:149 Resp: 66329

Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.6

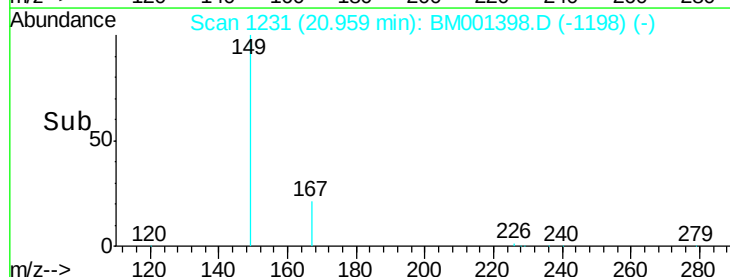
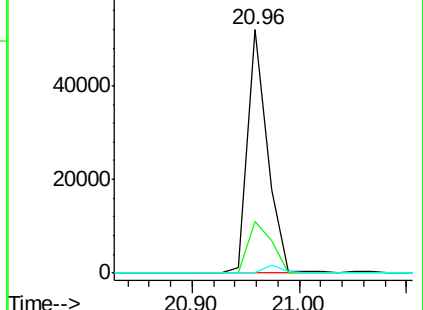
279 2.7 2.2 3.2

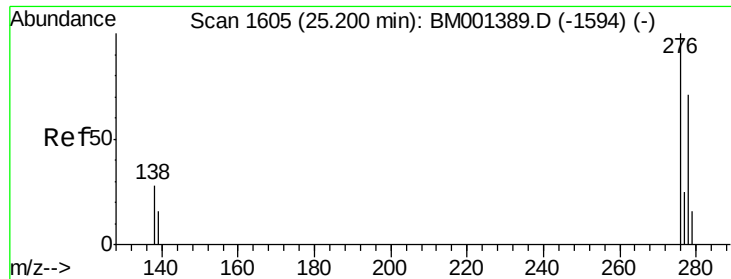


Abundance Ion 149.00 (148.70 to 149.70): E

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: 6.86 ng

RT: 25.19 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

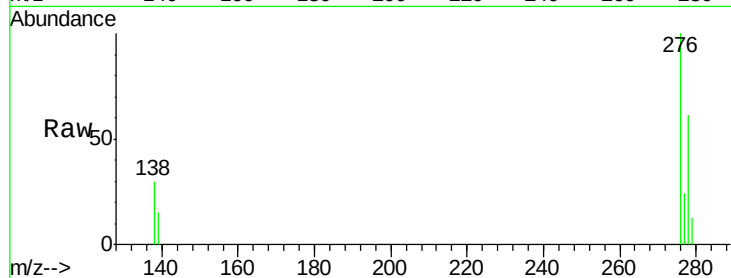
Tgt Ion:276 Resp: 99543

Ion Ratio Lower Upper

276 100

138 30.1 23.4 35.0

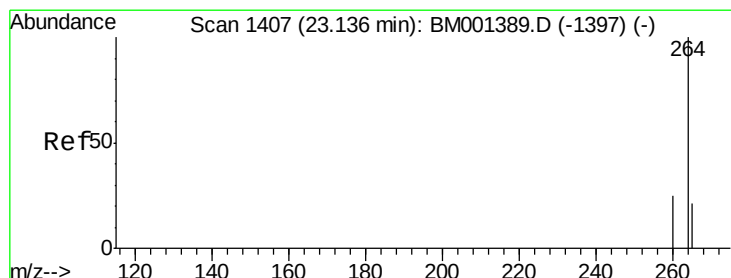
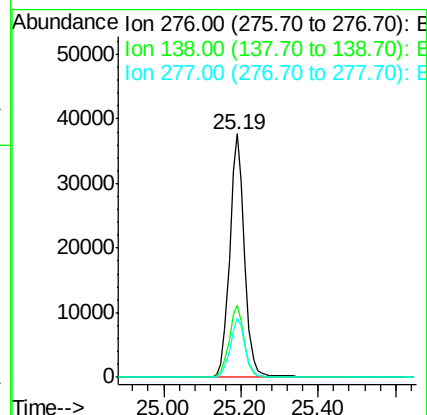
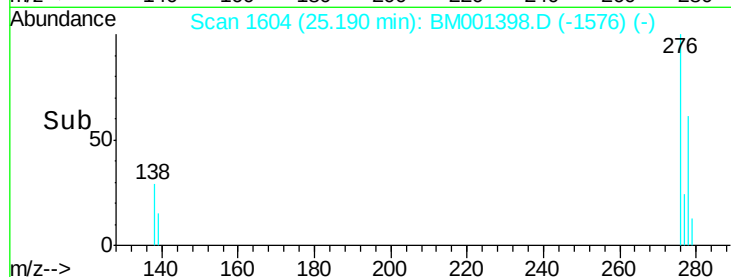
277 24.5 19.5 29.3



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.14 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

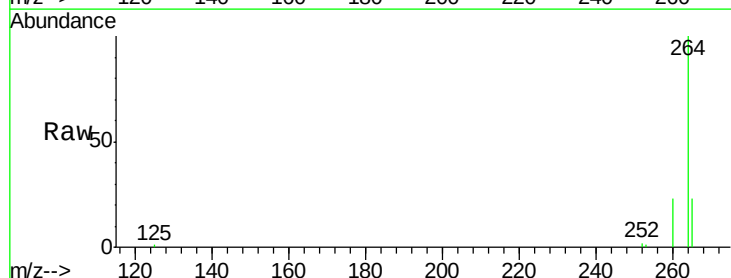
Tgt Ion:264 Resp: 42751

Ion Ratio Lower Upper

264 100

260 23.4 20.1 30.1

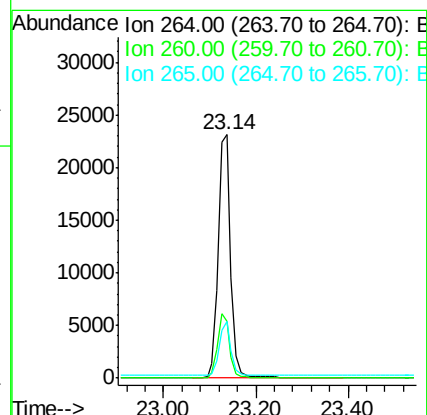
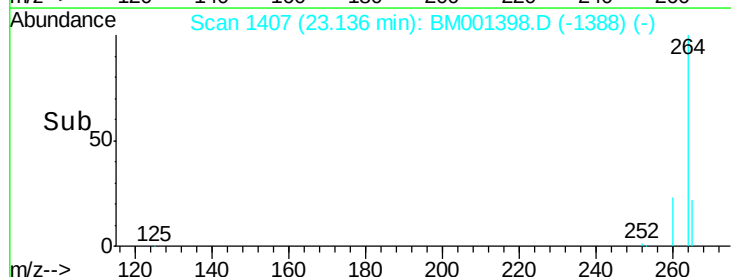
265 23.2 17.1 25.7

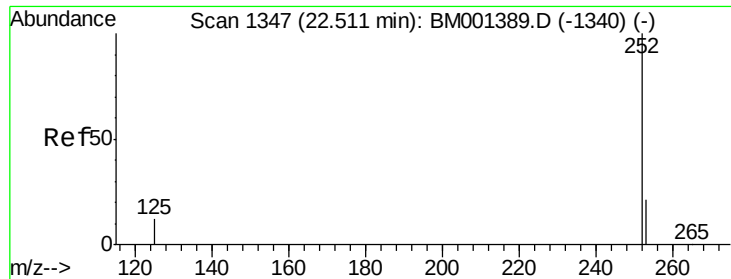


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 8.04 ng

RT: 22.51 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

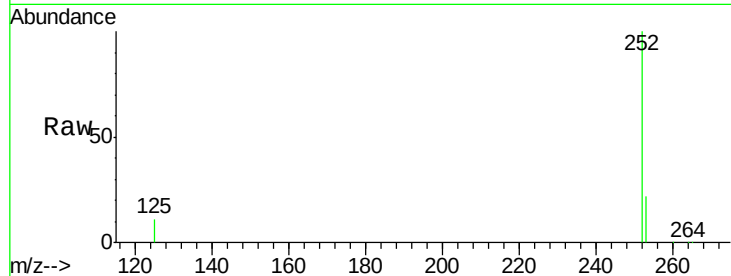
Tgt Ion:252 Resp: 104122

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

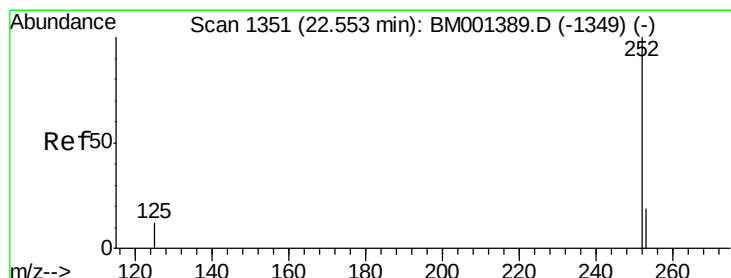
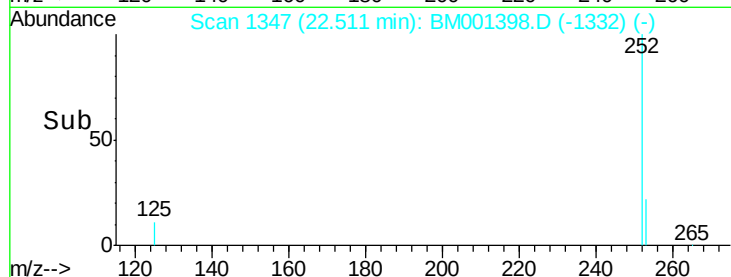
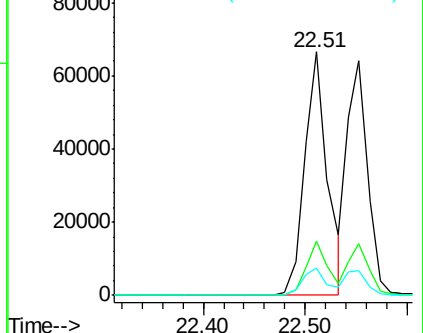
125 11.2 10.2 15.4



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: 7.52 ng

RT: 22.55 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

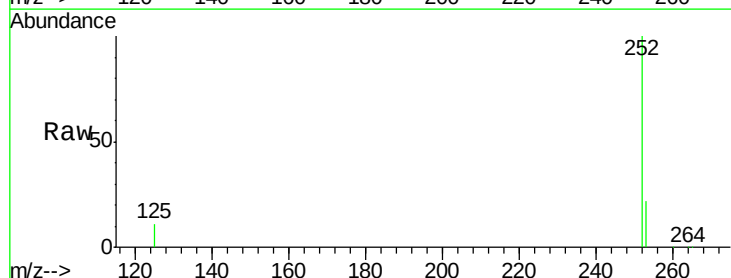
Tgt Ion:252 Resp: 90868

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

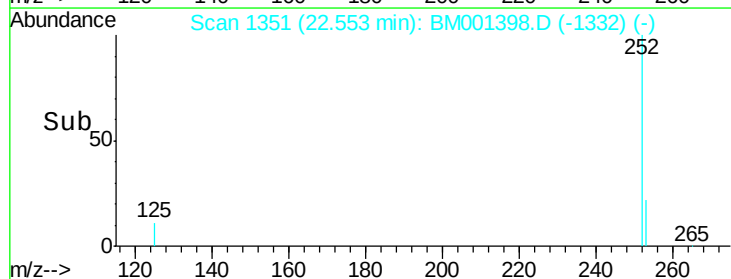
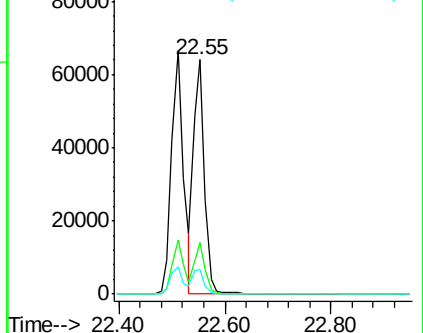
125 10.8 9.7 14.5

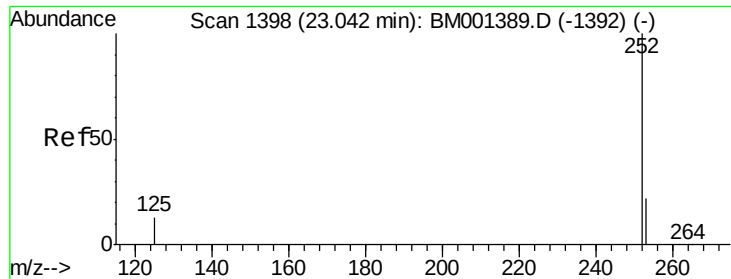


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 8.11 ng

RT: 23.03 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD

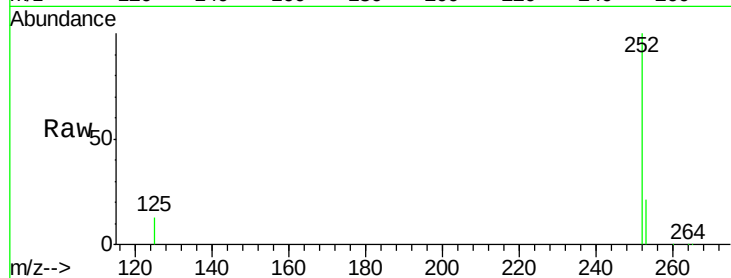
Tgt Ion: 252 Resp: 92734

Ion Ratio Lower Upper

252 100

253 20.6 18.6 28.0

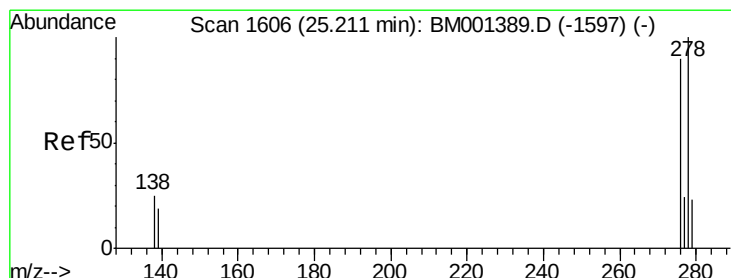
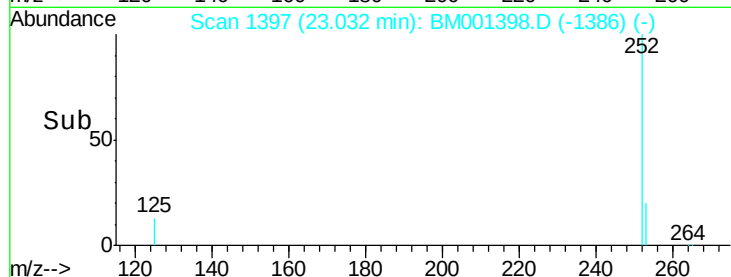
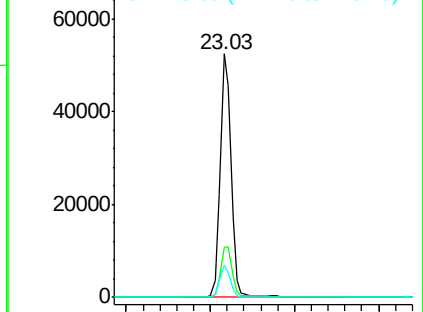
125 13.4 10.7 16.1



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: 7.64 ng

RT: 25.20 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM001398.D

Acq: 23 May 2015 01:39

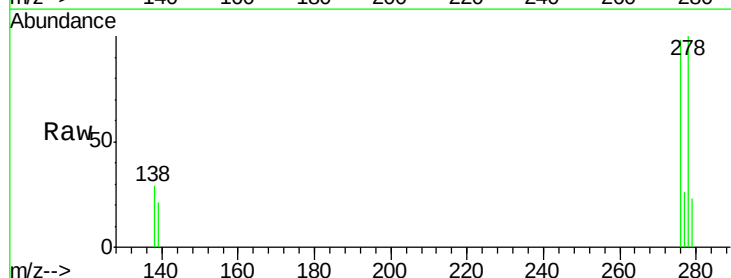
Tgt Ion: 278 Resp: 79141

Ion Ratio Lower Upper

278 100

139 20.8 15.7 23.5

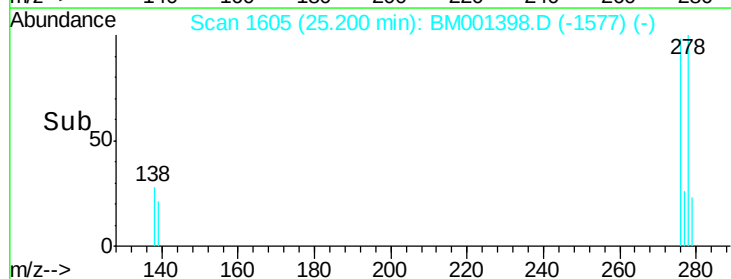
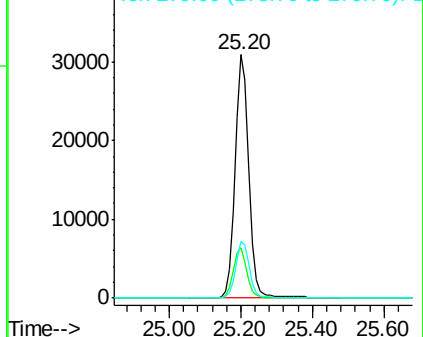
279 23.1 19.4 29.2

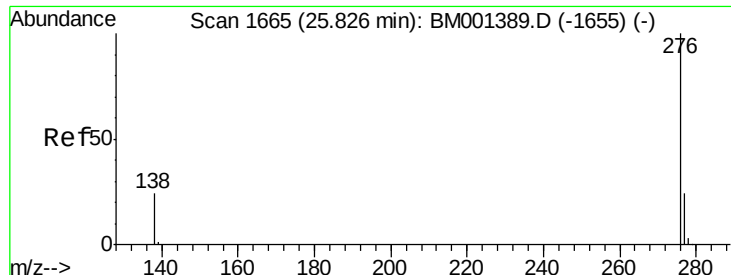


Abundance Ion 278.00 (277.70 to 278.70): E

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: 7.43 ng

RT: 25.82 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001398.D

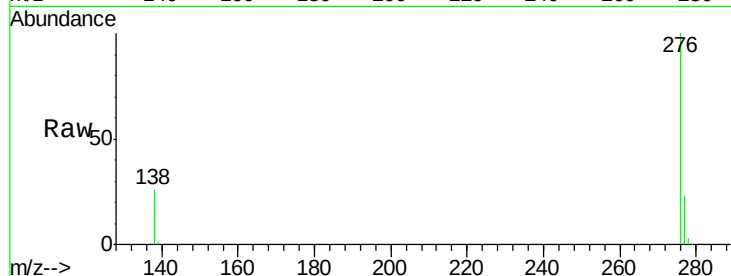
Acq: 23 May 2015 01:39

Instrument :

BNA_M

ClientSampleId :

PB83556BSD



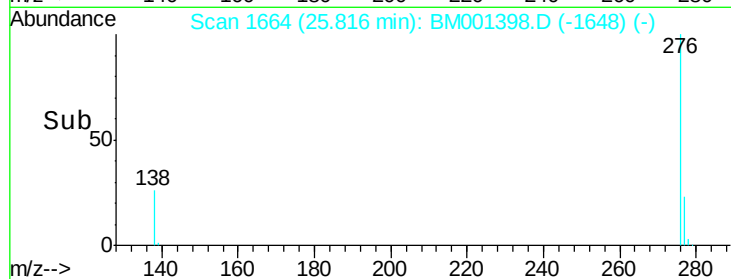
Tgt Ion: 276 Resp: 81839

Ion Ratio Lower Upper

276 100

277 23.2 19.8 29.6

138 25.7 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

