

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001387.D
 Acq On : 22 May 2015 17:54
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: May 23 04:21:20 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 04:19:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	15859	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	56346	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	31187	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	105057	5.00	ng	0.00
25) Chrysene-d12	21.04	240	61640	5.00	ng	0.00
32) Perylene-d12	23.14	264	57254	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	1590	0.51	ng	0.00
5) Phenol-d6	6.60	99	1797	0.47	ng	0.00
7) Nitrobenzene-d5	8.55	82	1578	0.51	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	444	0.41	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	4976	0.53	ng	0.00
27) Terphenyl-d14	19.49	244	4321	0.53	ng	0.00

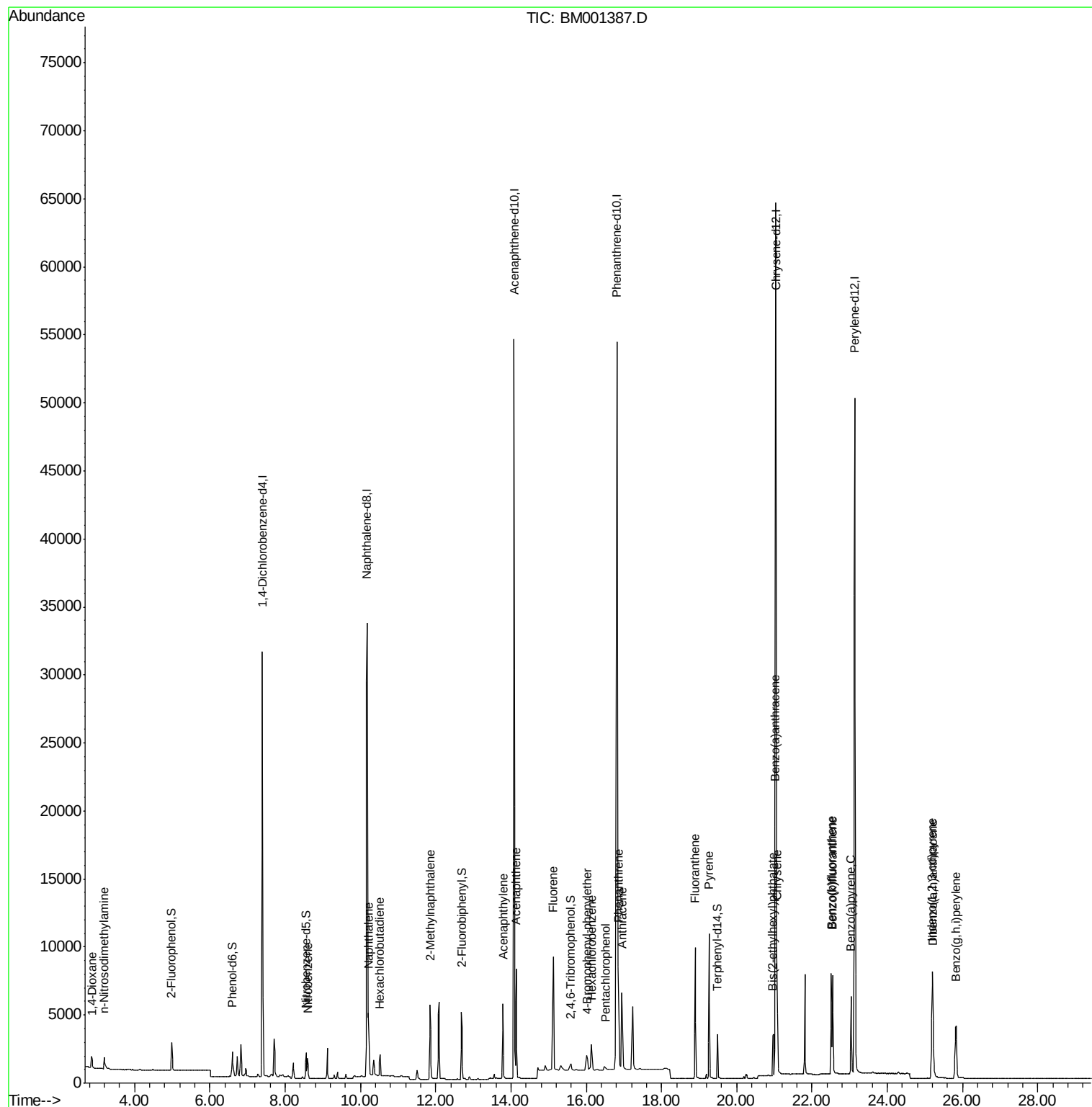
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	1066	0.67	ng	# 76
3) n-Nitrosodimethylamine	3.20	42	1032	0.57	ng	99
8) Nitrobenzene	8.60	77	1637	0.51	ng	95
9) Naphthalene	10.22	128	6116	0.51	ng	99
10) Hexachlorobutadiene	10.52	225	1260	0.53	ng	99
11) 2-Methylnaphthalene	11.85	142	4100	0.48	ng	99
15) Acenaphthylene	13.79	152	6438	0.49	ng	100
16) Acenaphthene	14.14	154	4187	0.51	ng	100
17) Fluorene	15.12	166	7241	0.93	ng	# 99
19) 4-Bromophenyl-phenylether	16.04	248	774	0.16	ng	# 87
20) Hexachlorobenzene	16.14	284	2319	0.32	ng	# 80
21) Pentachlorophenol	16.51	266	312	0.12	ng	91
22) Phenanthrene	16.85	178	10975	0.32	ng	99
23) Anthracene	16.95	178	9047	0.60	ng	98
24) Fluoranthene	18.90	202	9003	0.30	ng	100
26) Pyrene	19.26	202	9703	0.51	ng	100
28) Benzo(a)anthracene	21.02	228	9218	0.52	ng	97
29) Chrysene	21.07	228	8241	0.49	ng	98
30) Bis(2-ethylhexyl)phthalate	20.96	149	4453	0.50	ng	100
31) Indeno(1,2,3-cd)pyrene	25.19	276	9114	0.50	ng	99
33) Benzo(b)fluoranthene	22.51	252	8584	0.49	ng	97
34) Benzo(k)fluoranthene	22.55	252	8383	0.53	ng	97
35) Benzo(a)pyrene	23.04	252	7688	0.51	ng	96
36) Dibenzo(a,h)anthracene	25.21	278	7050	0.51	ng	98
37) Benzo(g,h,i)perylene	25.83	276	7580	0.51	ng	99

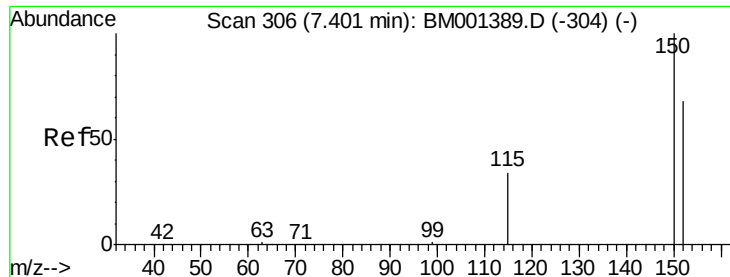
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 23 04:21:20 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 04:19:45 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.40 min Scan# 306

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

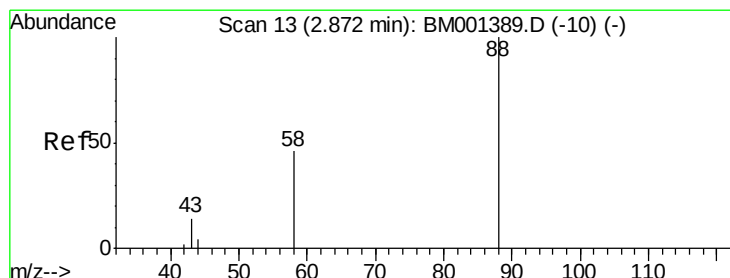
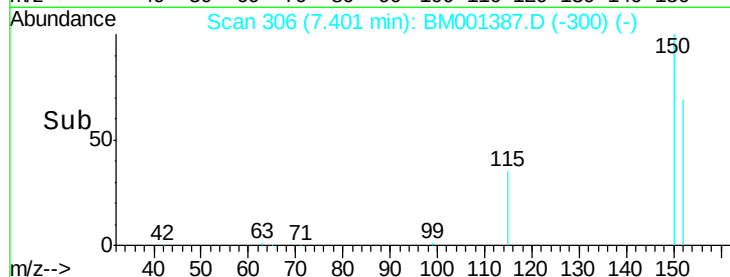
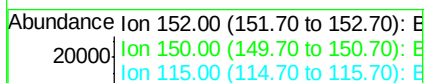
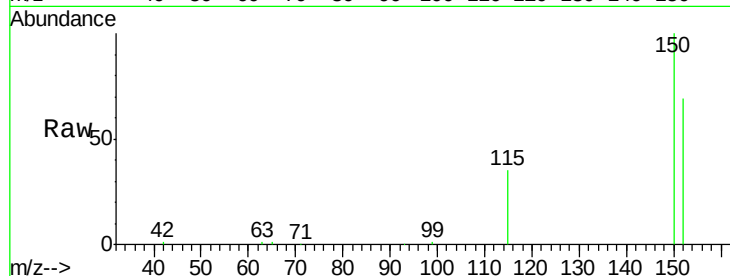
Tgt Ion:152 Resp: 15859

Ion Ratio Lower Upper

152 100

150 145.5 119.0 178.6

115 50.8 41.8 62.8



#2

1,4-Dioxane

Concen: 0.67 ng

RT: 2.87 min Scan# 13

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

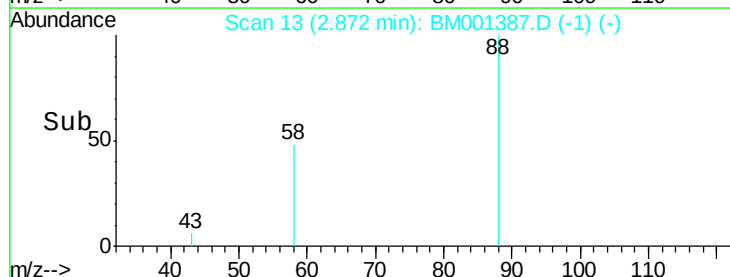
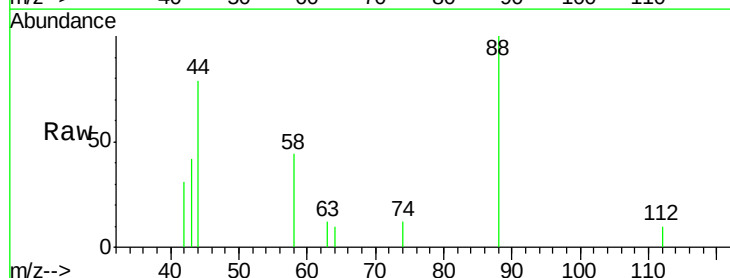
Tgt Ion: 88 Resp: 1066

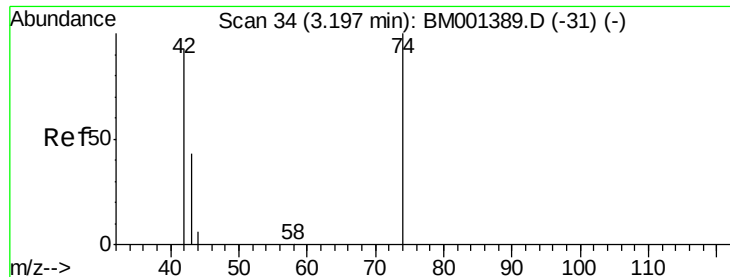
Ion Ratio Lower Upper

88 100

58 60.4 71.3 106.9#

43 37.4 35.5 53.3





#3

n-Nitrosodimethylamine

Concen: 0.57 ng

RT: 3.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

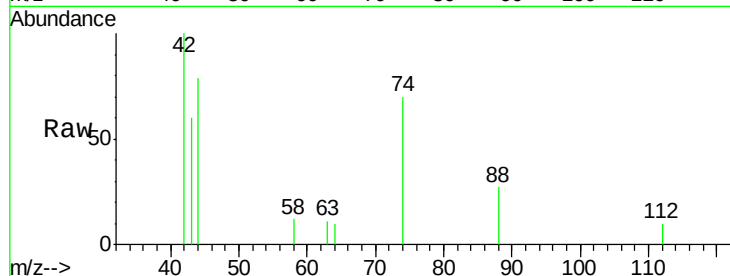
Tgt Ion: 42 Resp: 1032

Ion Ratio Lower Upper

42 100

74 89.1 72.2 108.2

44 7.5 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BM001387.D (-31) (-)

Ion 74.00 (73.70 to 74.70): BM001387.D (-31) (-)

Ion 44.00 (43.70 to 44.70): BM001387.D (-31) (-)

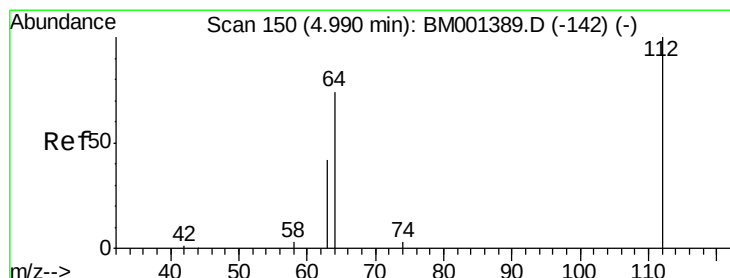
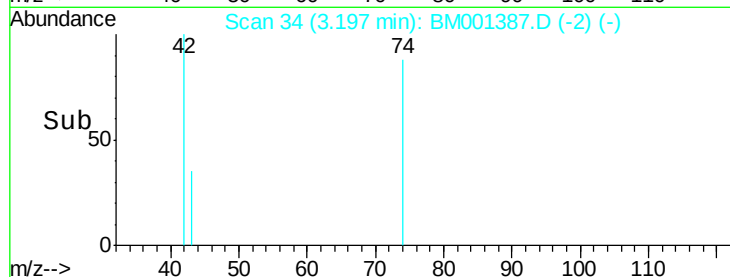
3.20

400

200

0

Time--> 3.00 3.20 3.40



#4

2-Fluorophenol

Concen: 0.51 ng

RT: 4.99 min Scan# 150

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

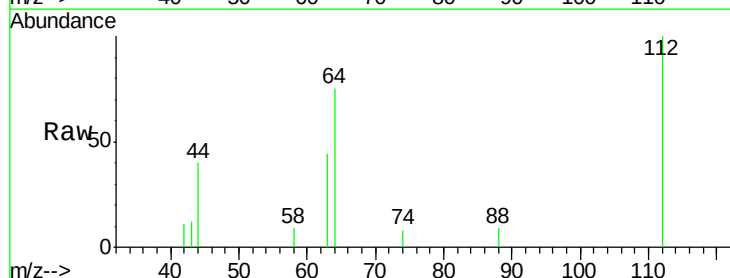
Tgt Ion: 112 Resp: 1590

Ion Ratio Lower Upper

112 100

64 64.8 51.7 77.5

63 37.2 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BM001387.D (-142) (-)

Ion 64.00 (63.70 to 64.70): BM001387.D (-142) (-)

Ion 63.00 (62.70 to 63.70): BM001387.D (-142) (-)

4.99

1200

1000

800

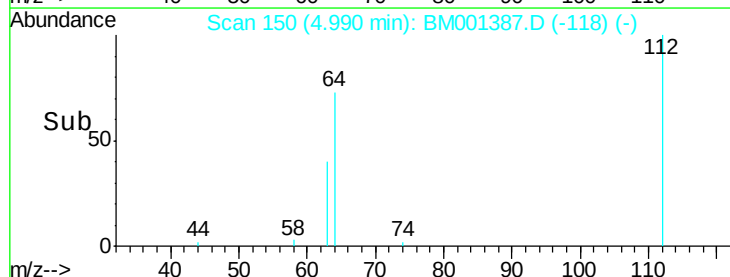
600

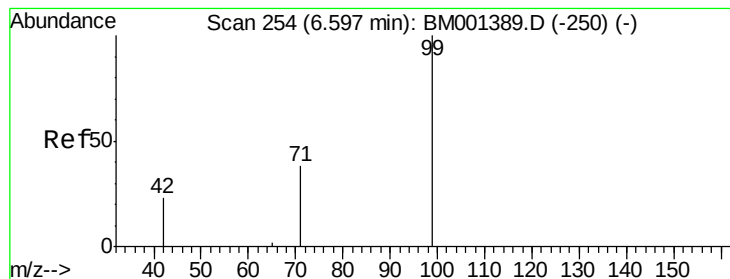
400

200

0

Time--> 4.80 5.00 5.20





#5

Phenol-d6

Concen: 0.47 ng

RT: 6.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

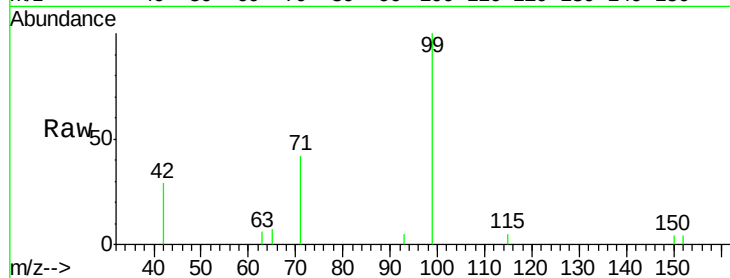
Tgt Ion: 99 Resp: 1797

Ion Ratio Lower Upper

99 100

42 26.8 21.8 32.6

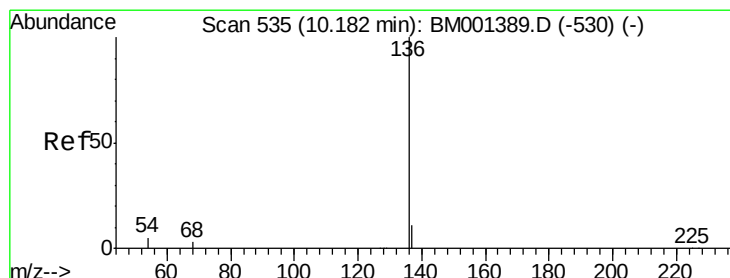
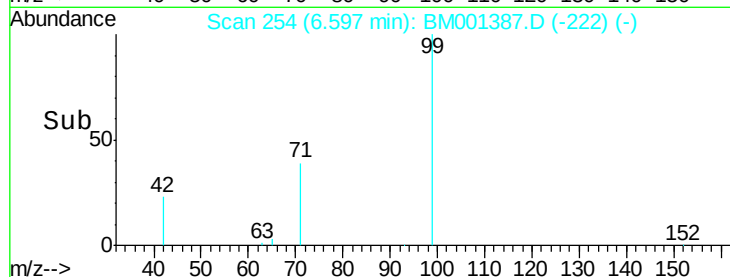
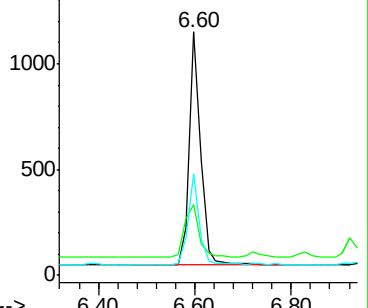
71 37.6 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001387.D (-250) (-)

Ion 42.00 (41.70 to 42.70): BM001387.D (-250) (-)

Ion 71.00 (70.70 to 71.70): BM001387.D (-250) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.18 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Tgt Ion: 136 Resp: 56346

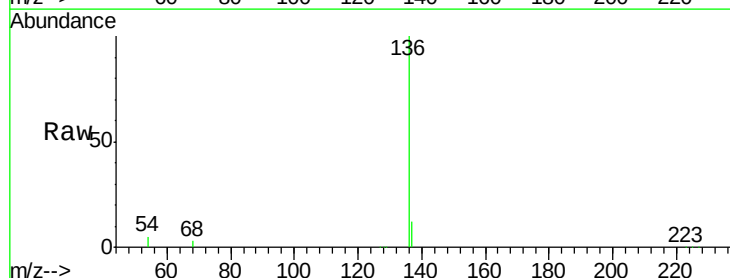
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 5.3 4.3 6.5

68 3.3 2.6 4.0

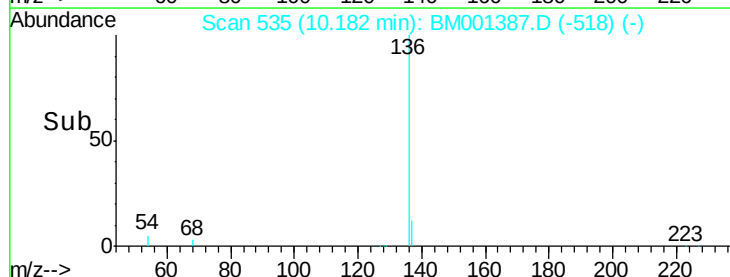
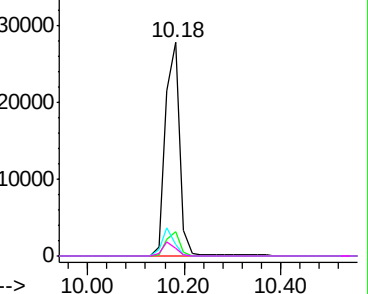


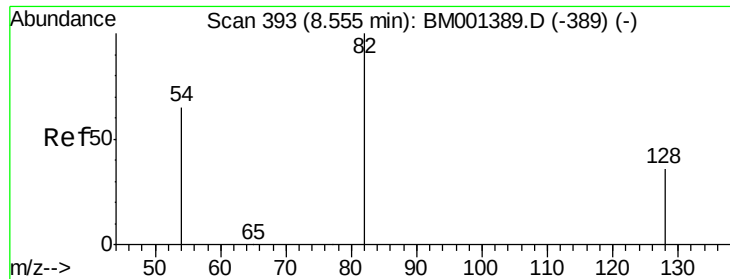
Abundance Ion 136.00 (135.70 to 136.70): BM001387.D (-530) (-)

Ion 137.00 (136.70 to 137.70): BM001387.D (-530) (-)

Ion 54.00 (53.70 to 54.70): BM001387.D (-530) (-)

Ion 68.00 (67.70 to 68.70): BM001387.D (-530) (-)





#7

Nitrobenzene-d5

Concen: 0.51 ng

RT: 8.55 min Scan# 393

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

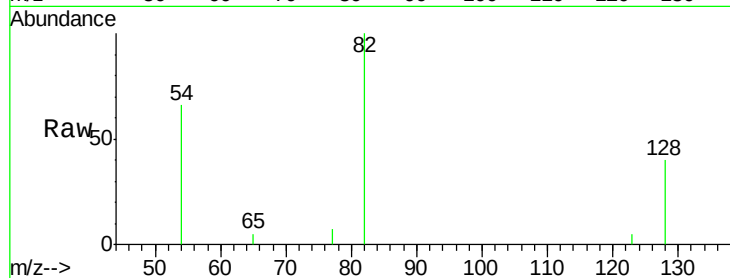
Tgt Ion: 82 Resp: 1578

Ion Ratio Lower Upper

82 100

128 39.7 30.2 45.4

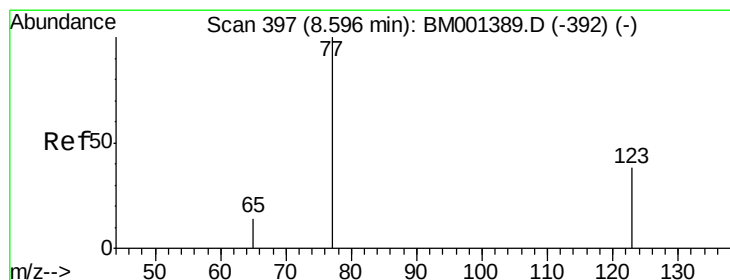
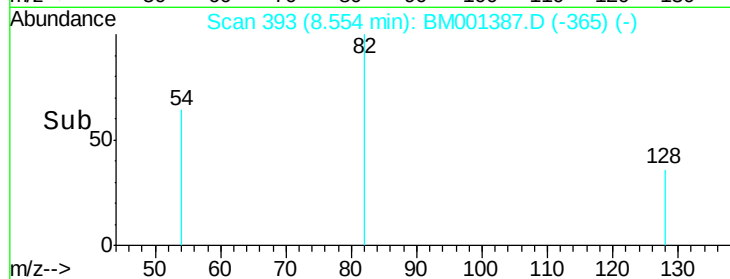
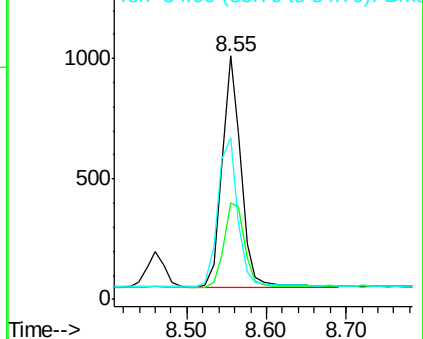
54 66.2 52.9 79.3



Abundance Ion 82.00 (81.70 to 82.70): BM001387.D (-389) (-)

Ion 128.00 (127.70 to 128.70): BM001387.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM001387.D (-389) (-)



#8

Nitrobenzene

Concen: 0.51 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

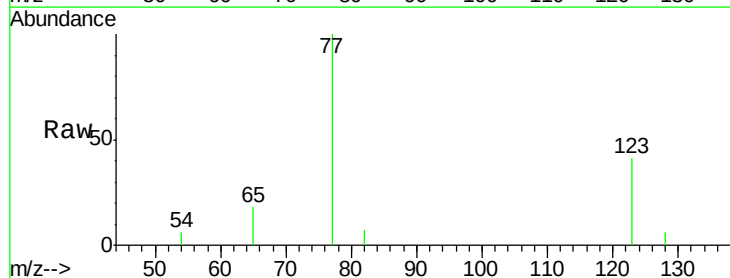
Tgt Ion: 77 Resp: 1637

Ion Ratio Lower Upper

77 100

123 45.8 33.7 50.5

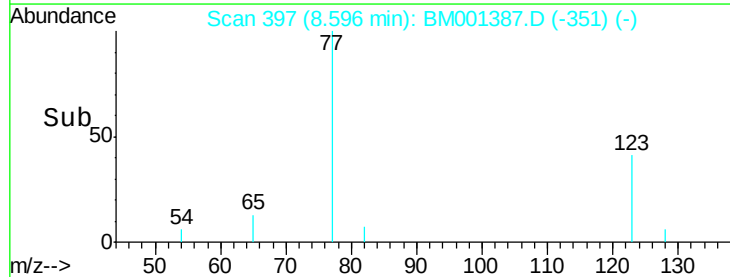
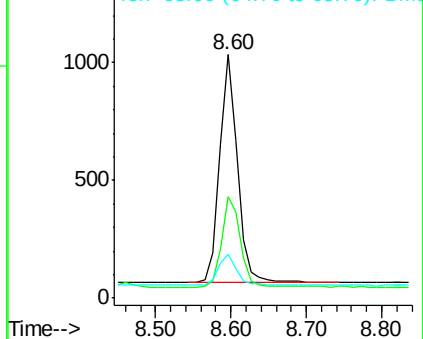
65 14.4 11.3 16.9

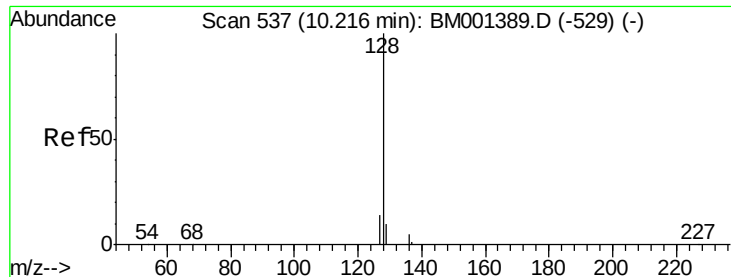


Abundance Ion 77.00 (76.70 to 77.70): BM001387.D (-392) (-)

Ion 123.00 (122.70 to 123.70): BM001387.D (-392) (-)

Ion 65.00 (64.70 to 65.70): BM001387.D (-392) (-)





#9

Naphthalene

Concen: 0.51 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

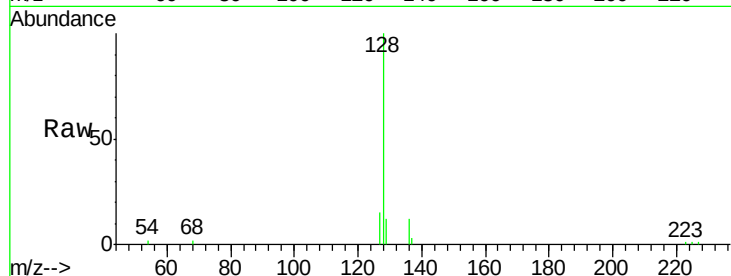
Tgt Ion:128 Resp: 6116

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

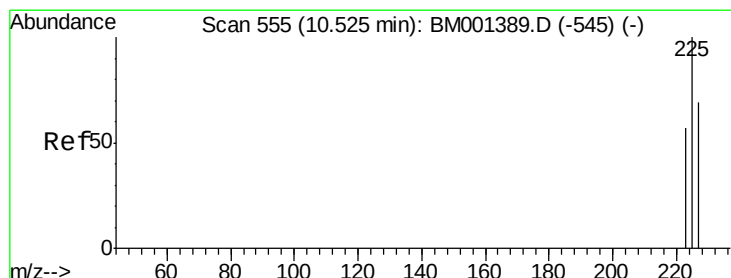
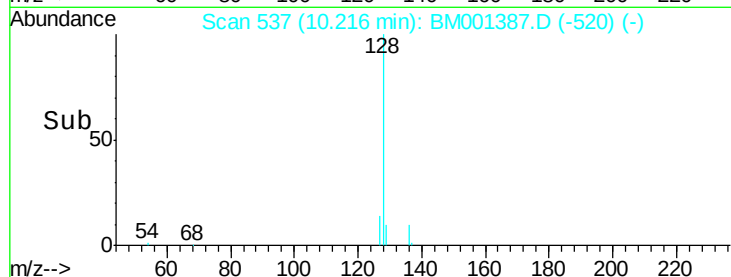
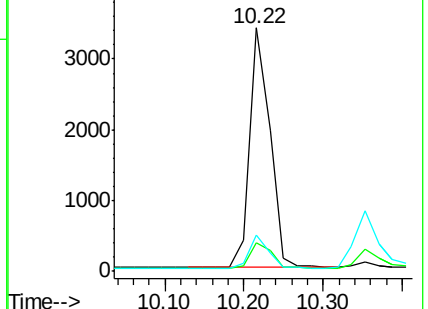
127 14.8 11.7 17.5



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: 0.53 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

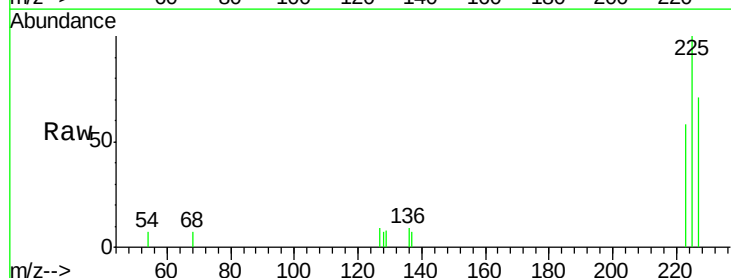
Tgt Ion:225 Resp: 1260

Ion Ratio Lower Upper

225 100

223 62.9 50.2 75.2

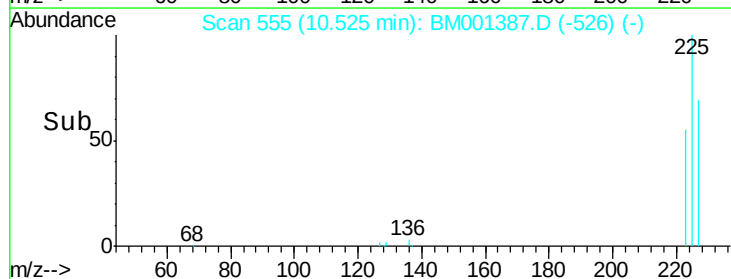
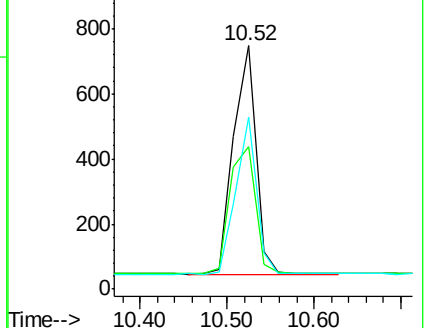
227 63.3 51.1 76.7

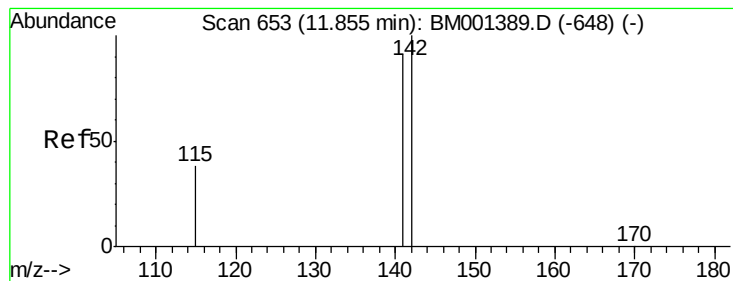


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.48 ng

RT: 11.85 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

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ClientSampleId :

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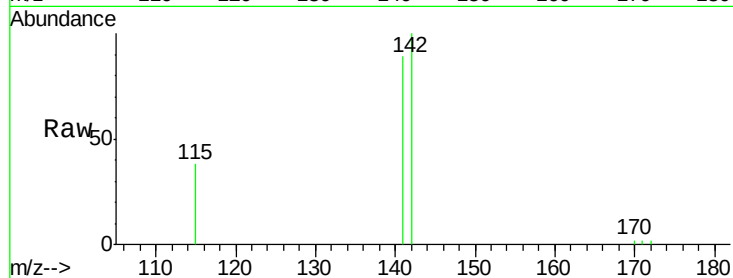
Tgt Ion:142 Resp: 4100

Ion Ratio Lower Upper

142 100

141 89.4 72.6 109.0

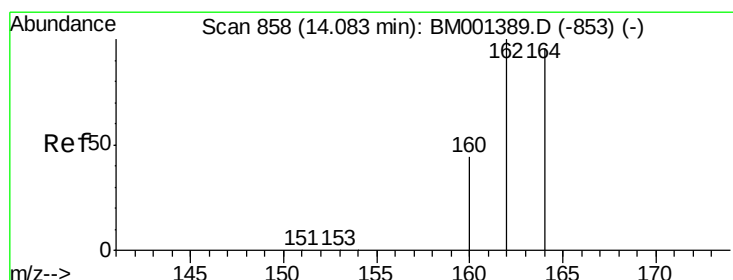
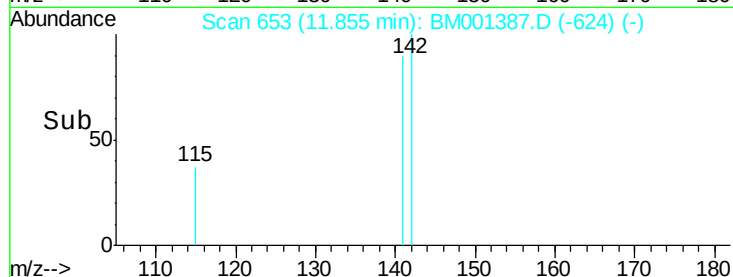
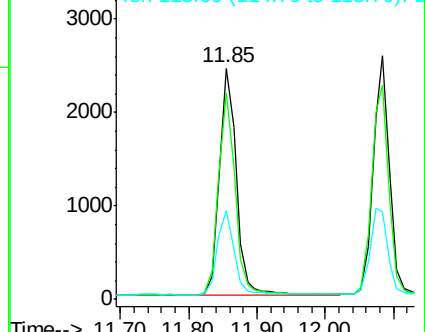
115 38.3 31.2 46.8



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: BM001387.D

Acq: 22 May 2015 17:54

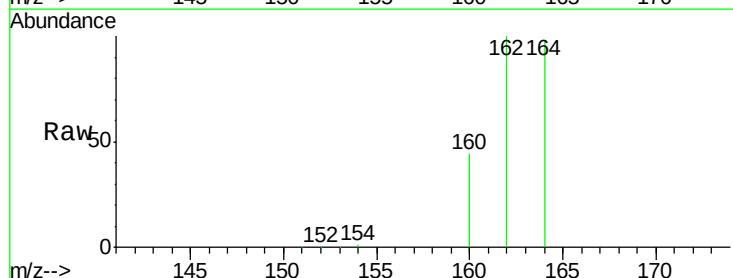
Tgt Ion:164 Resp: 31187

Ion Ratio Lower Upper

164 100

162 101.6 83.4 125.2

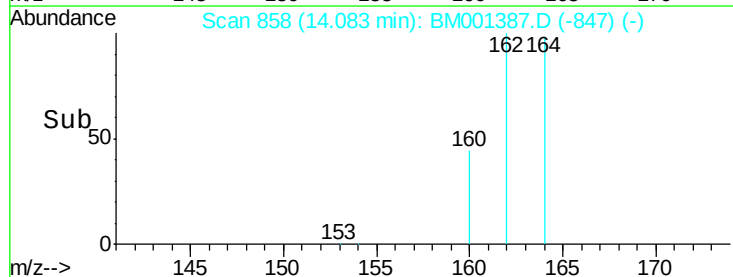
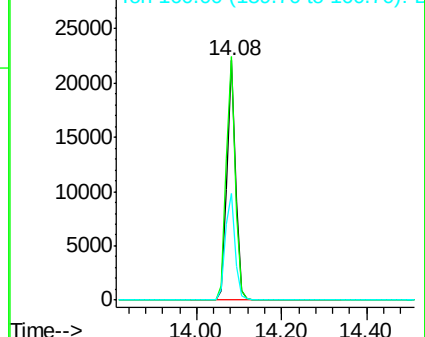
160 44.6 36.9 55.3

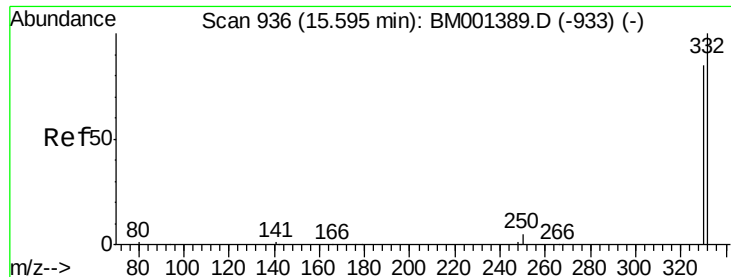


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

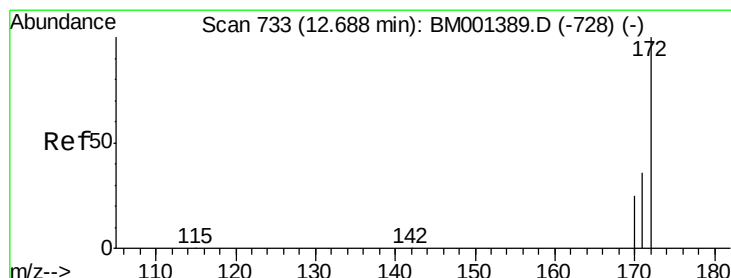
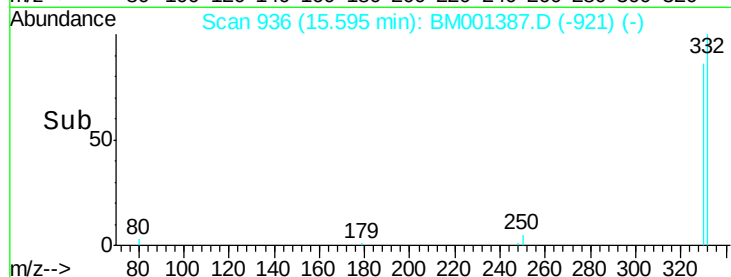
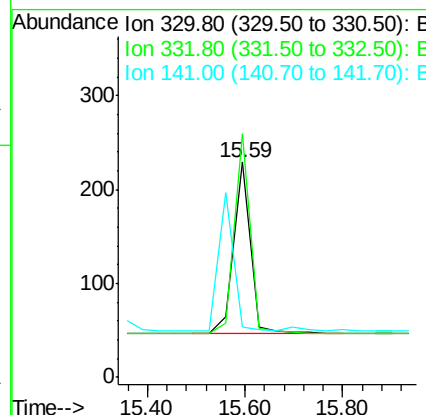
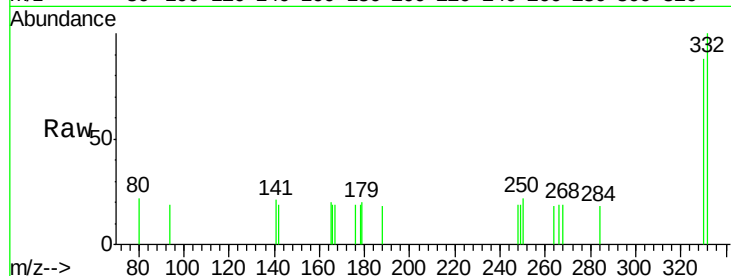




#13
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 15.59 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BM001387.D
 Acq: 22 May 2015 17:54

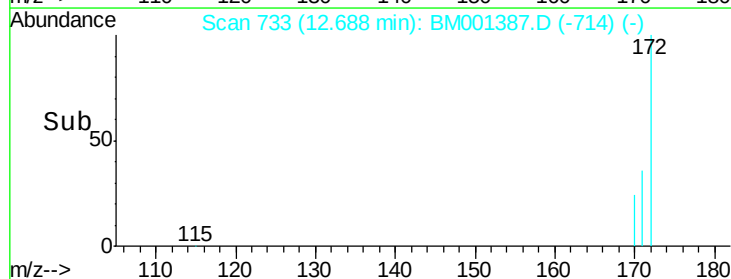
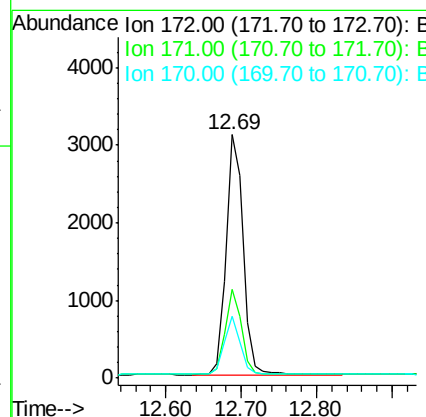
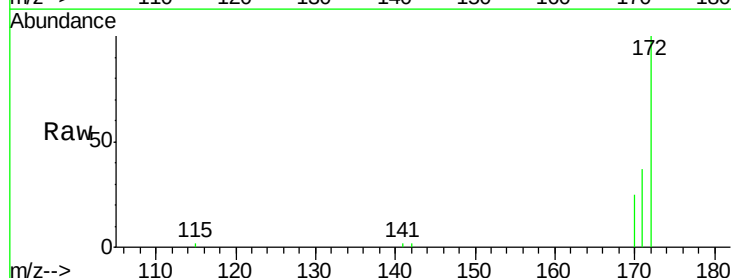
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

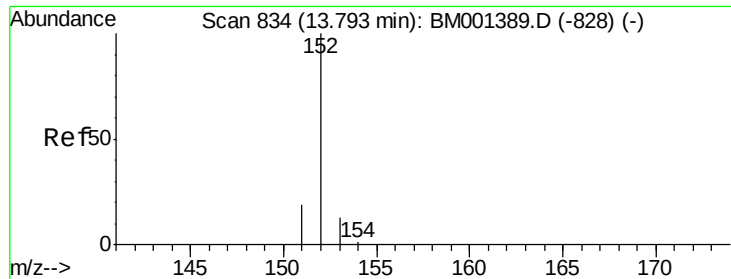
Tgt Ion:330 Resp: 444
 Ion Ratio Lower Upper
 330 100
 332 109.2 90.3 135.5
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 0.53 ng
 RT: 12.69 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BM001387.D
 Acq: 22 May 2015 17:54

Tgt Ion:172 Resp: 4976
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 25.3 20.2 30.4





#15

Acenaphthylene

Concen: 0.49 ng

RT: 13.79 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

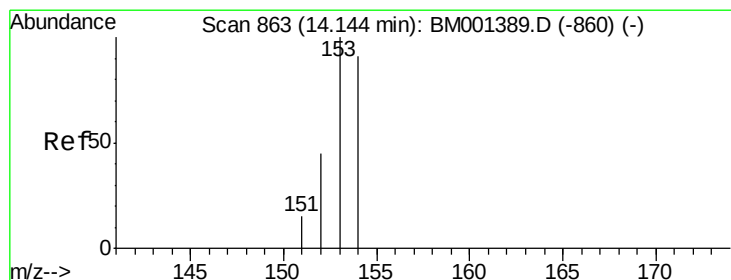
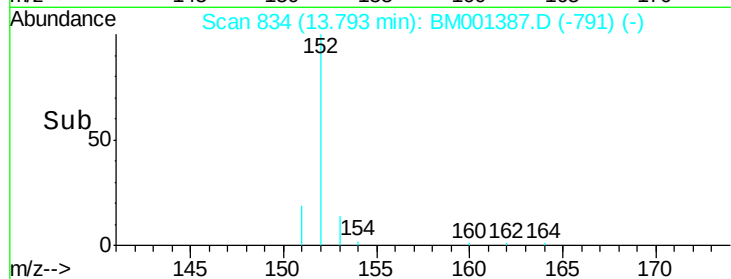
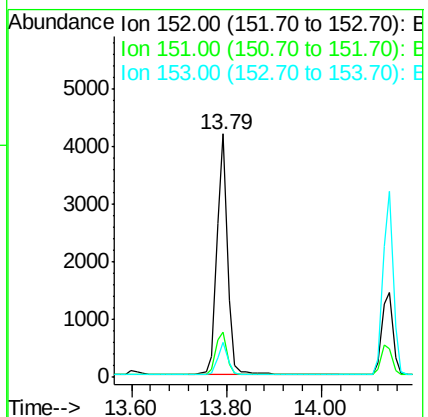
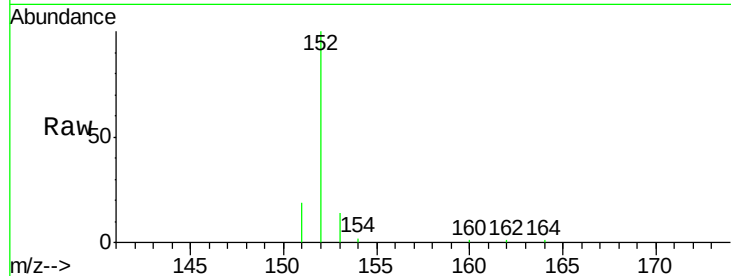
Tgt Ion:152 Resp: 6438

Ion Ratio Lower Upper

152 100

151 18.7 15.1 22.7

153 12.9 10.2 15.4



#16

Acenaphthene

Concen: 0.51 ng

RT: 14.14 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

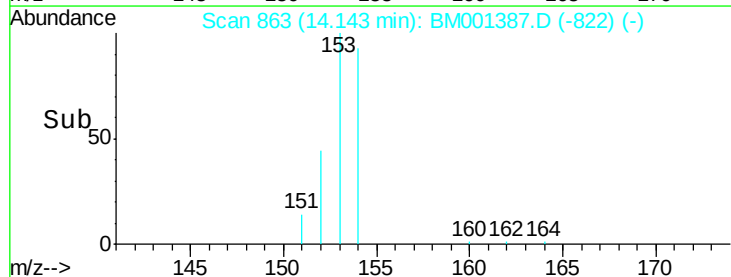
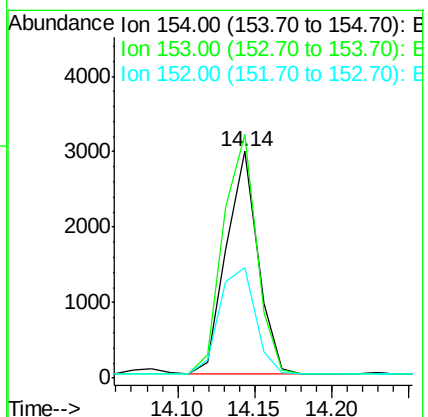
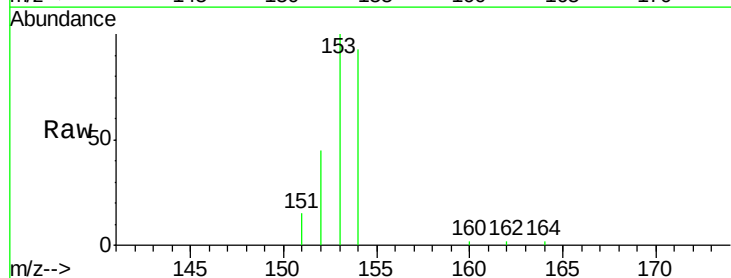
Tgt Ion:154 Resp: 4187

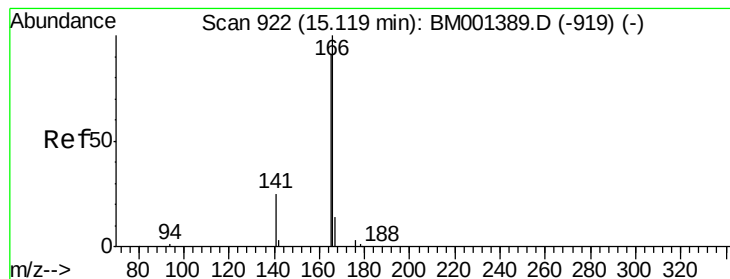
Ion Ratio Lower Upper

154 100

153 114.5 91.4 137.2

152 54.7 44.0 66.0





#17

Fluorene

Concen: 0.93 ng

RT: 15.12 min Scan# 922

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

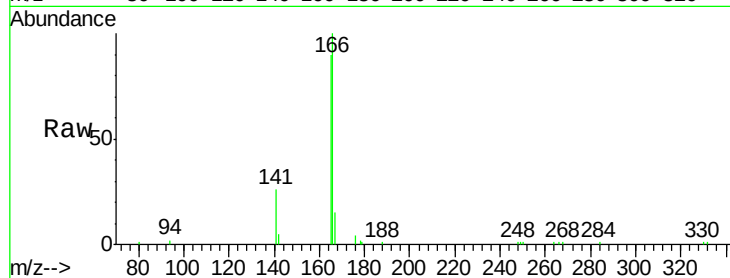
Tgt Ion:166 Resp: 7241

Ion Ratio Lower Upper

166 100

165 90.4 72.6 108.8

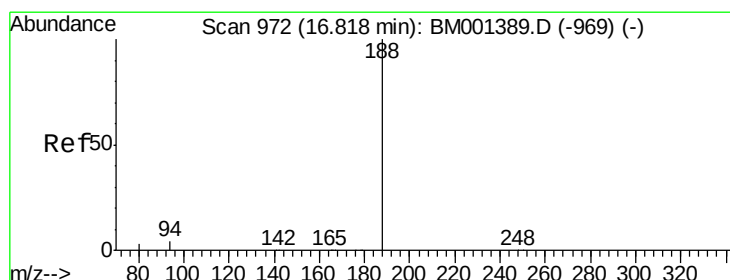
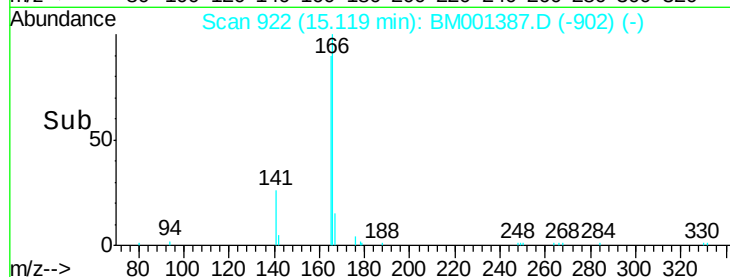
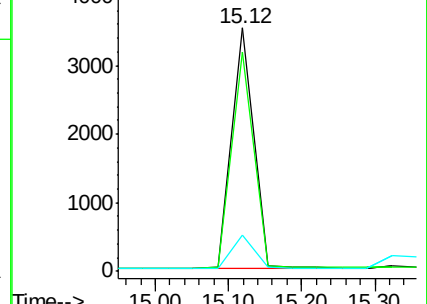
167 16.6 10.9 16.3#



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: BM001387.D

Acq: 22 May 2015 17:54

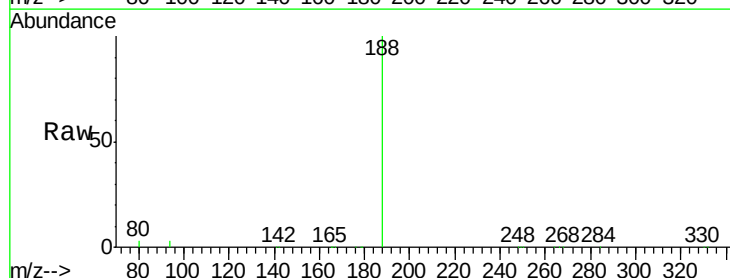
Tgt Ion:188 Resp: 105057

Ion Ratio Lower Upper

188 100

94 2.9 3.0 4.4#

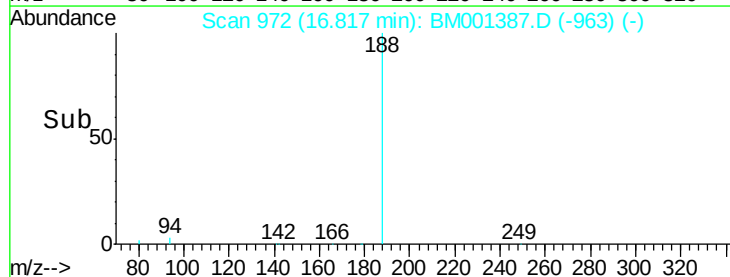
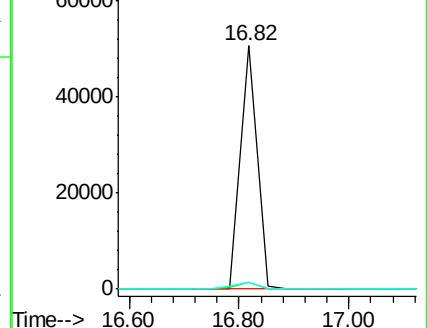
80 2.5 2.5 3.7

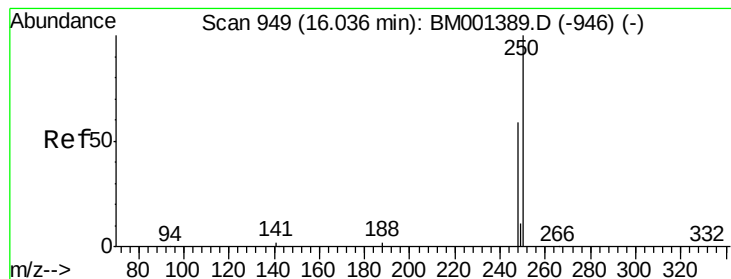


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 0.16 ng

RT: 16.04 min Scan# 949

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

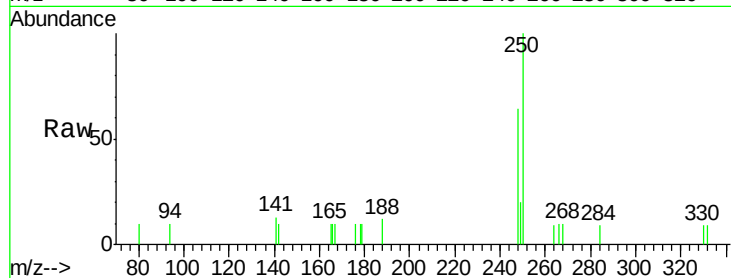
Tgt Ion:248 Resp: 774

Ion Ratio Lower Upper

248 100

250 130.9 117.8 176.6

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

1000

800

600

400

200

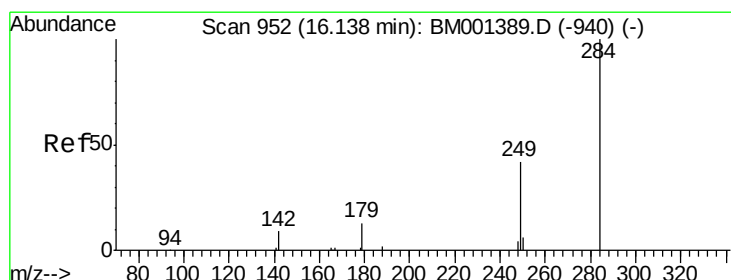
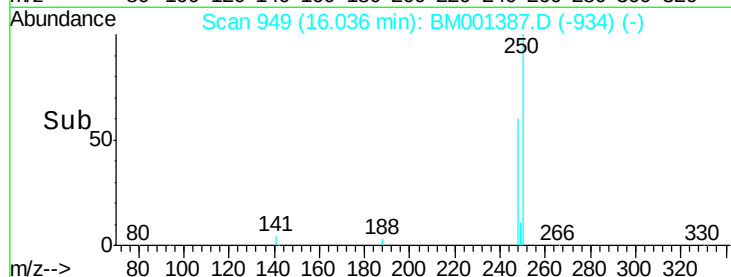
0

16.04

15.90

16.10

Time-->



#20

Hexachlorobenzene

Concen: 0.32 ng

RT: 16.14 min Scan# 952

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

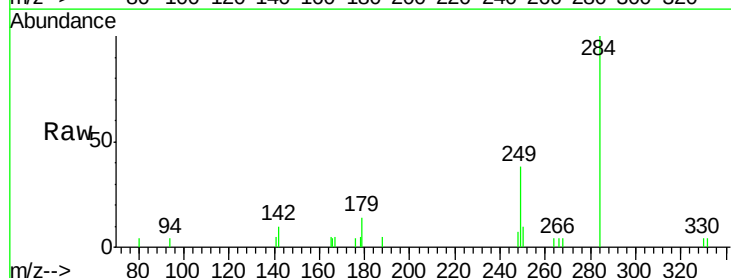
Tgt Ion:284 Resp: 2319

Ion Ratio Lower Upper

284 100

142 0.0 13.9 20.9#

249 40.2 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

1500

1000

500

0

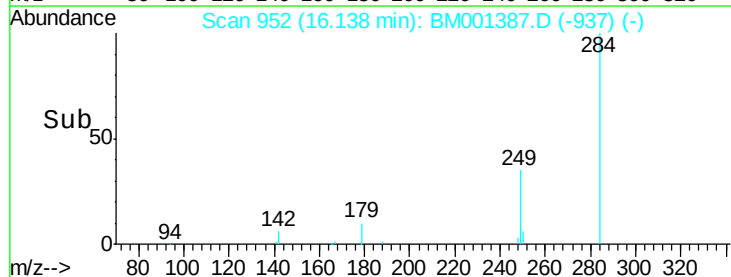
16.14

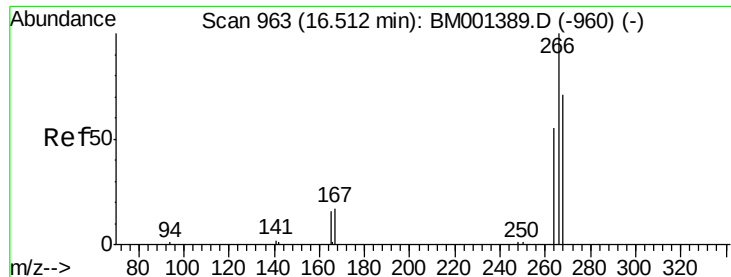
16.00

16.20

16.40

Time-->

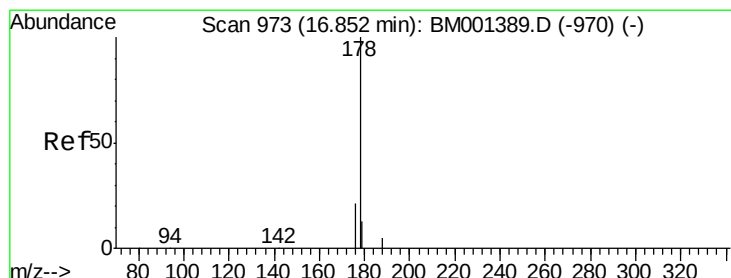
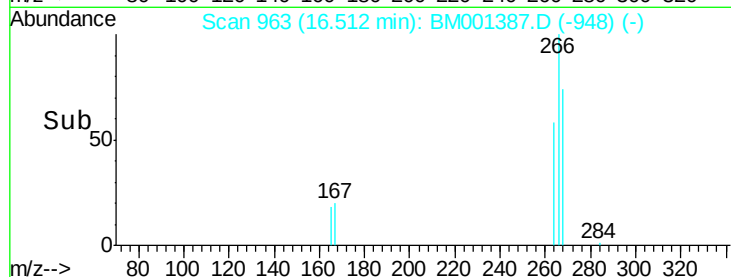
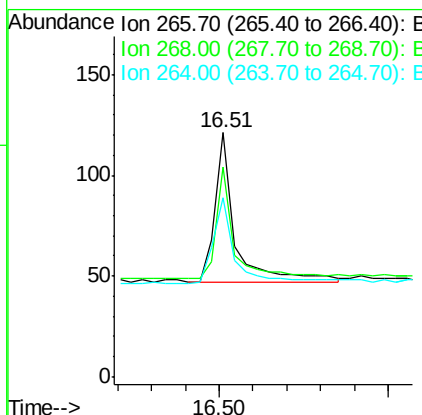
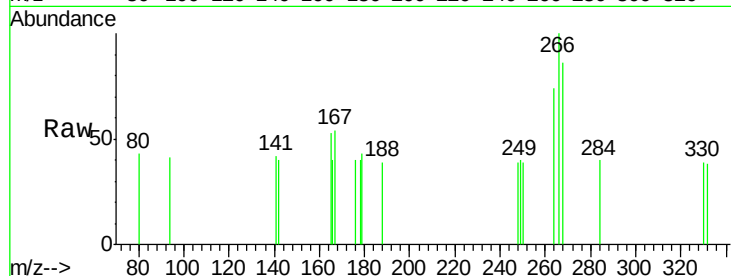




#21
 Pentachlorophenol
 Concen: 0.12 ng
 RT: 16.51 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BM001387.D
 Acq: 22 May 2015 17:54

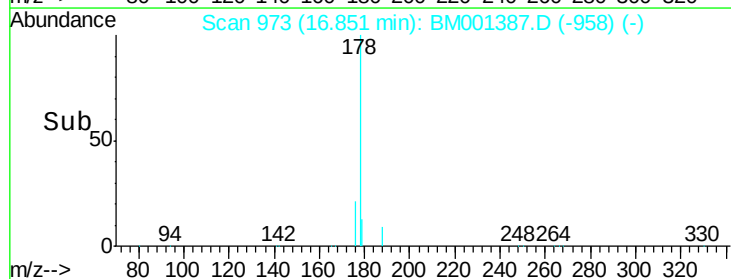
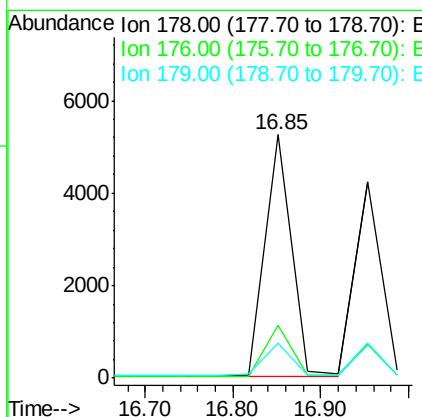
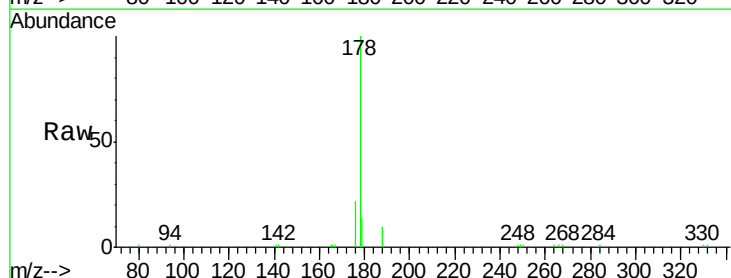
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

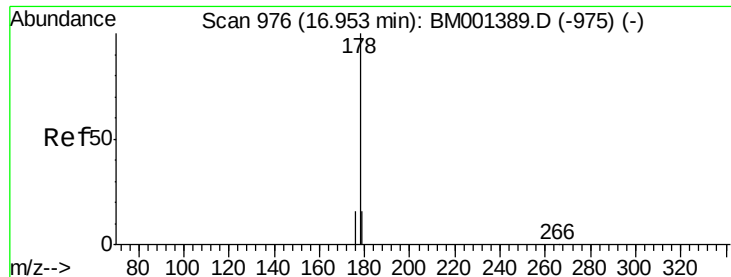
Tgt Ion: 266 Resp: 312
 Ion Ratio Lower Upper
 266 100
 268 86.0 63.0 94.4
 264 73.6 52.8 79.2



#22
 Phenanthrene
 Concen: 0.32 ng
 RT: 16.85 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BM001387.D
 Acq: 22 May 2015 17:54

Tgt Ion: 178 Resp: 10975
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.8 25.2
 179 14.1 11.0 16.4





#23

Anthracene

Concen: 0.60 ng

RT: 16.95 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

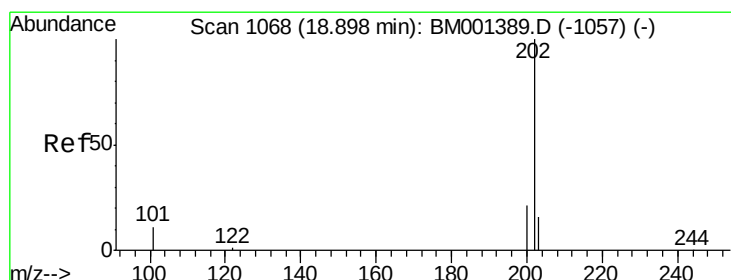
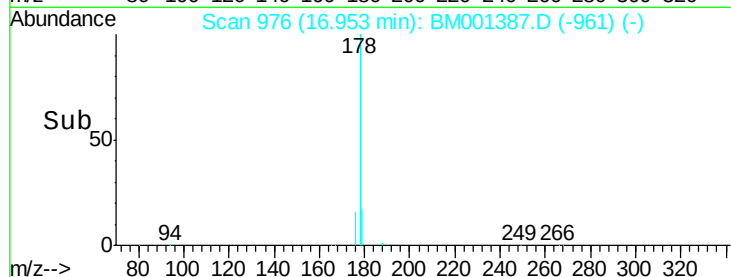
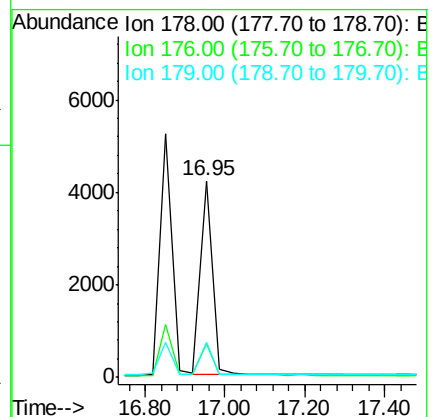
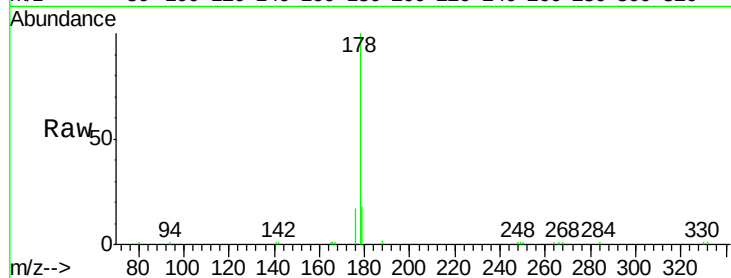
Tgt Ion:178 Resp: 9047

Ion Ratio Lower Upper

178 100

176 16.2 13.1 19.7

179 17.2 12.8 19.2



#24

Fluoranthene

Concen: 0.30 ng

RT: 18.90 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

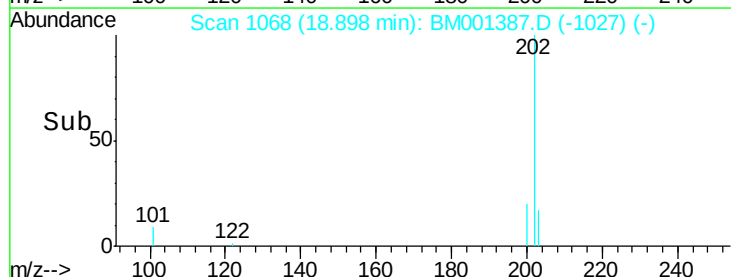
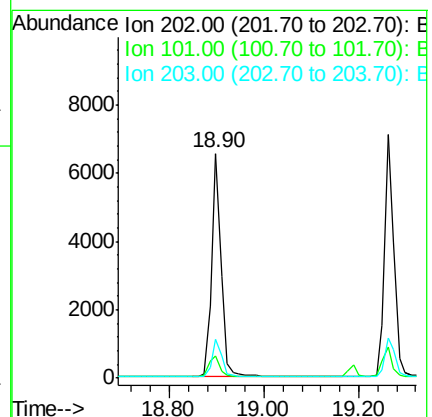
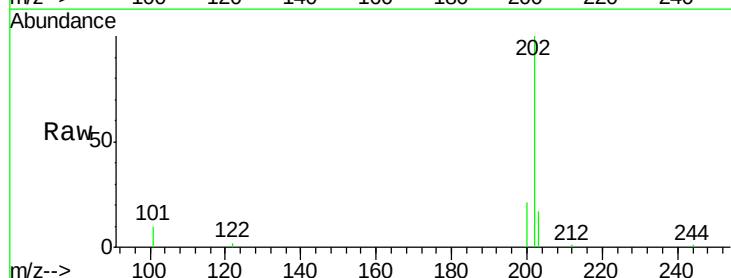
Tgt Ion:202 Resp: 9003

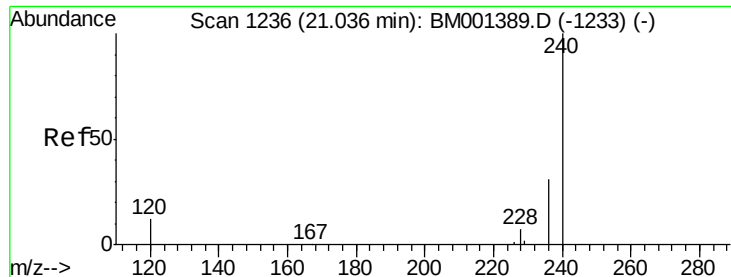
Ion Ratio Lower Upper

202 100

101 10.5 8.6 12.8

203 17.1 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: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

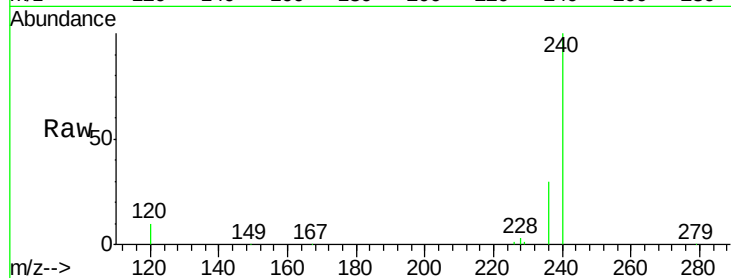
Tgt Ion:240 Resp: 61640

Ion Ratio Lower Upper

240 100

120 10.5 9.7 14.5

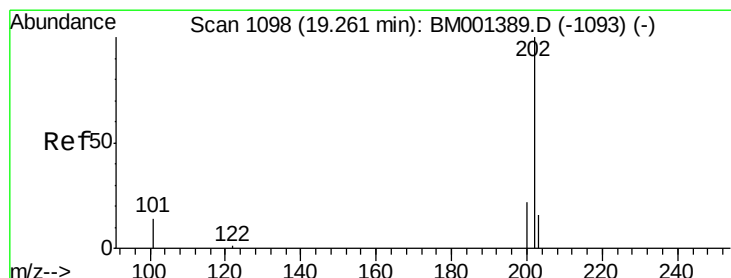
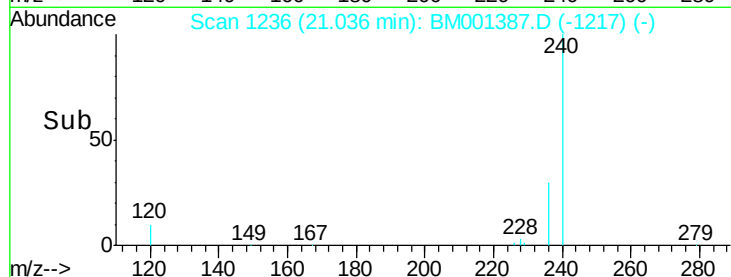
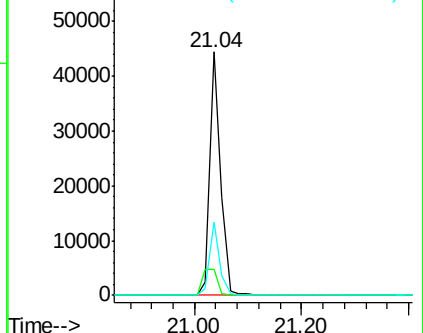
236 29.9 24.8 37.2



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: 0.51 ng

RT: 19.26 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

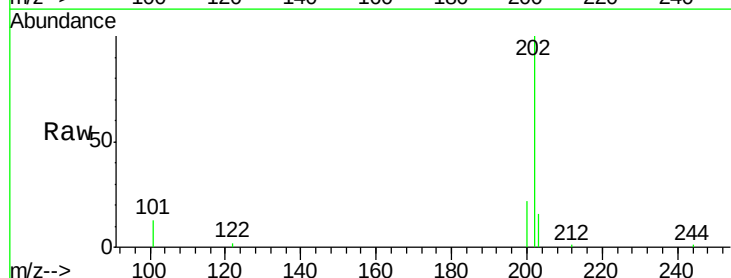
Tgt Ion:202 Resp: 9703

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

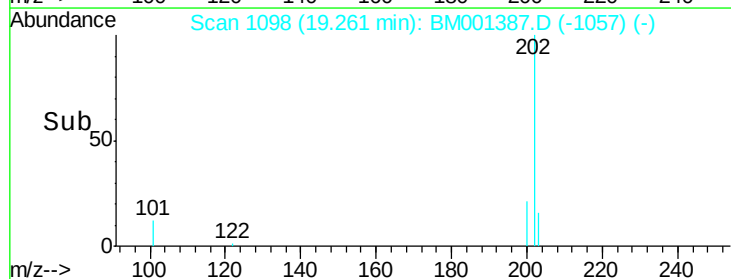
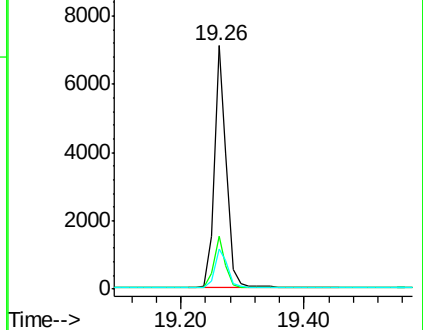
203 17.2 13.9 20.9

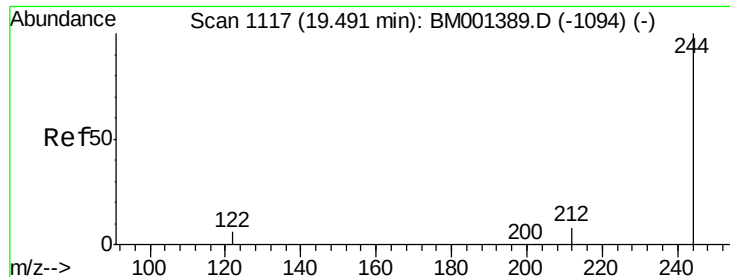


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.53 ng

RT: 19.49 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

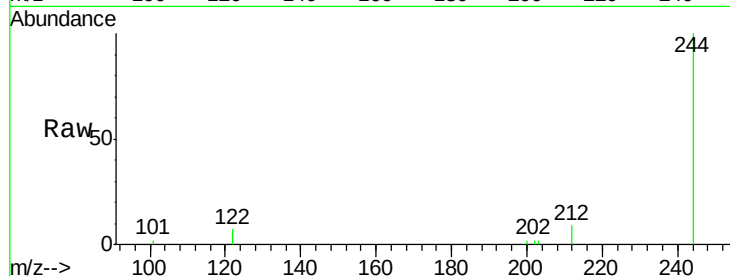
Tgt Ion:244 Resp: 4321

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

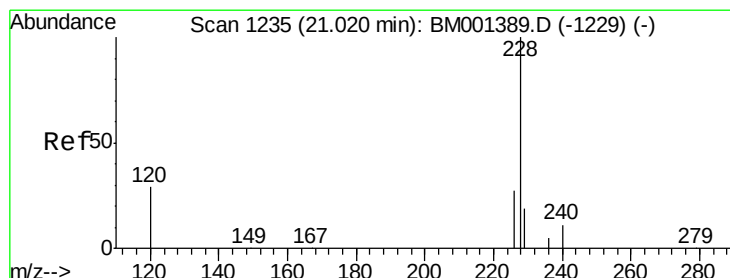
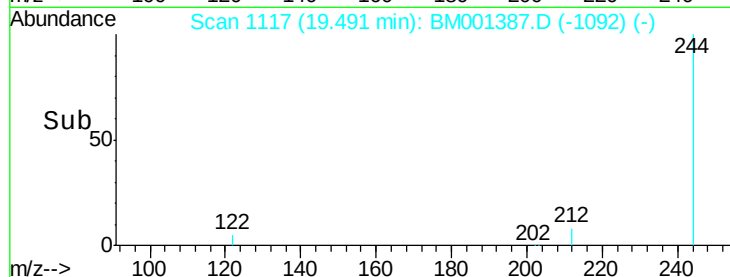
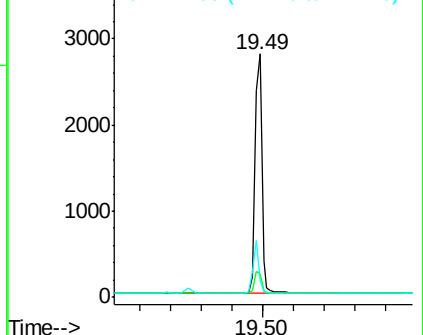
122 6.9 5.1 7.7



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: 0.52 ng

RT: 21.02 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

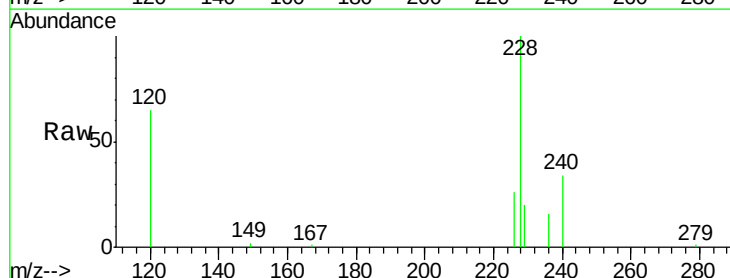
Tgt Ion:228 Resp: 9218

Ion Ratio Lower Upper

228 100

226 25.7 21.9 32.9

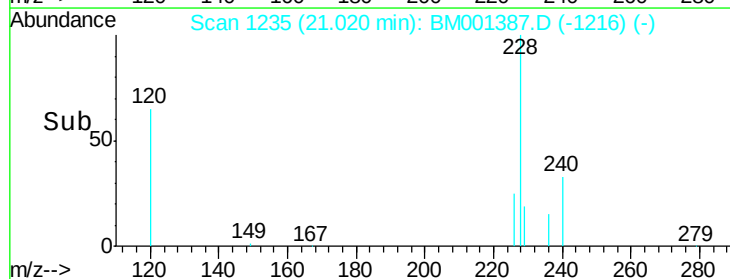
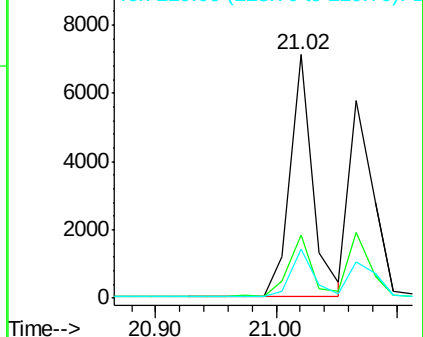
229 20.0 15.1 22.7

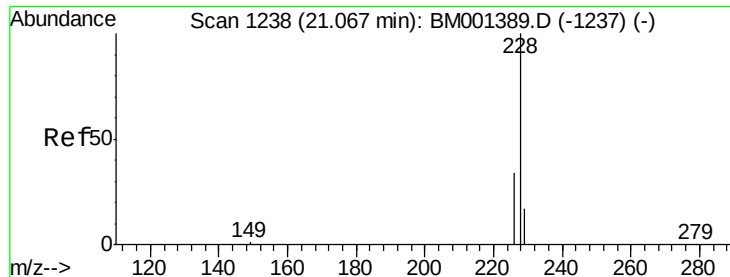


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.49 ng

RT: 21.07 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

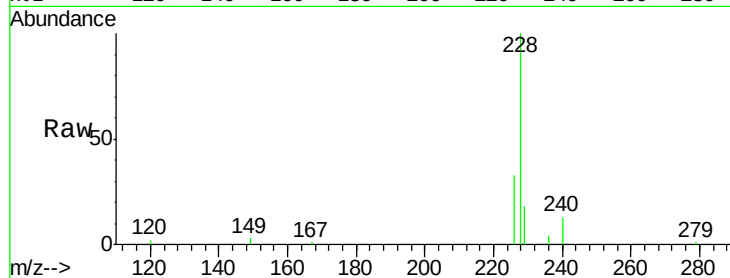
Tgt Ion:228 Resp: 8241

Ion Ratio Lower Upper

228 100

226 33.2 27.6 41.4

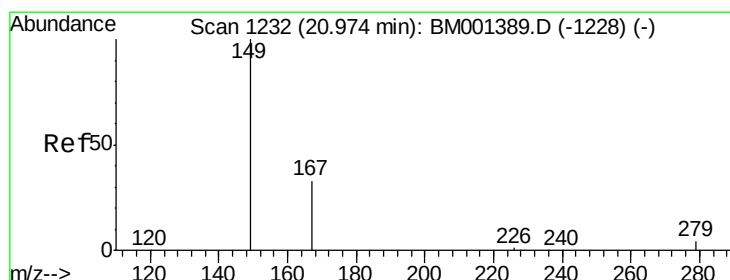
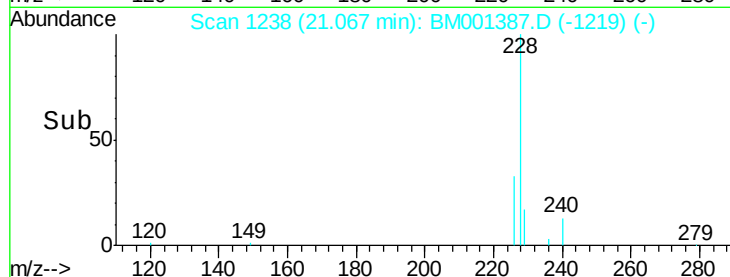
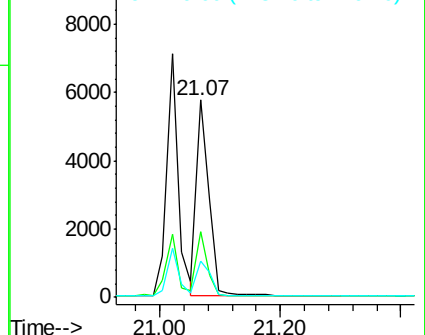
229 18.1 13.6 20.4



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: 0.50 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

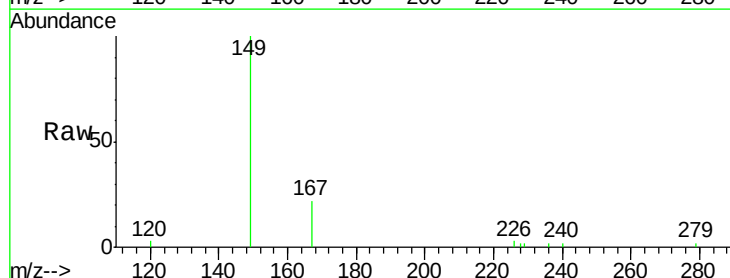
Tgt Ion:149 Resp: 4453

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.6

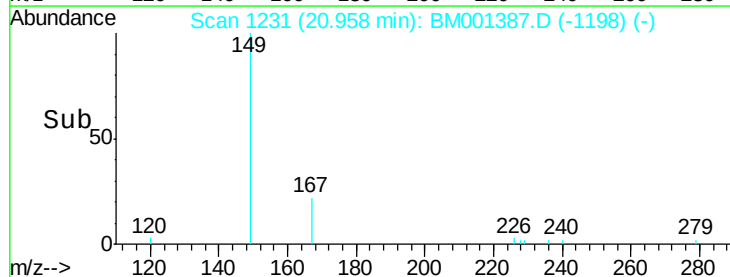
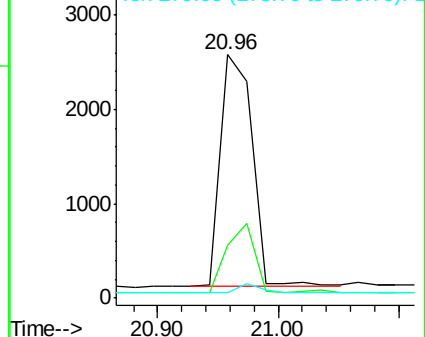
279 2.6 2.2 3.2

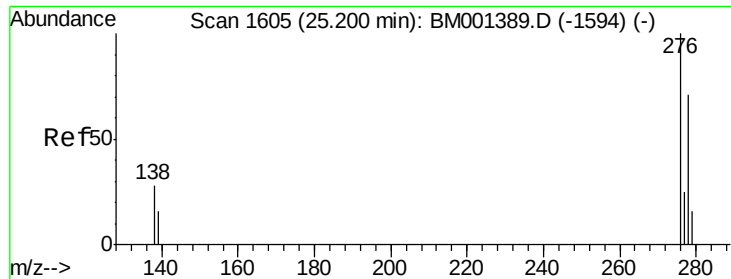


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

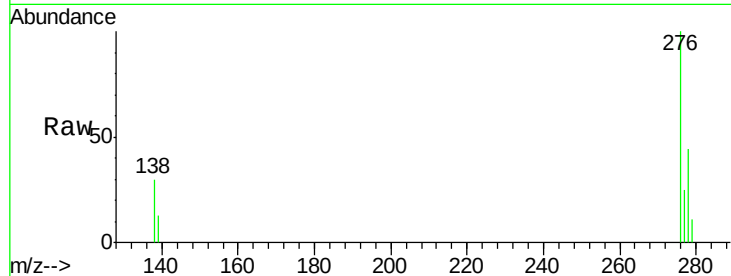




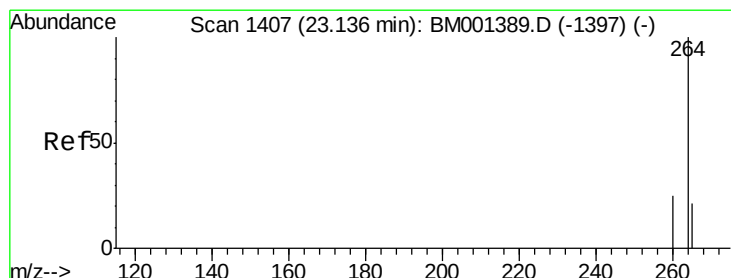
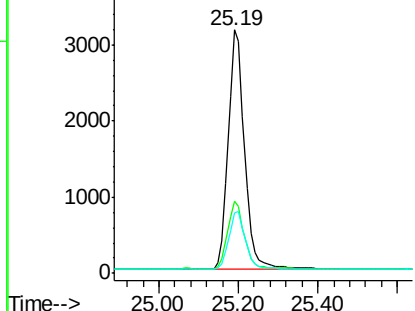
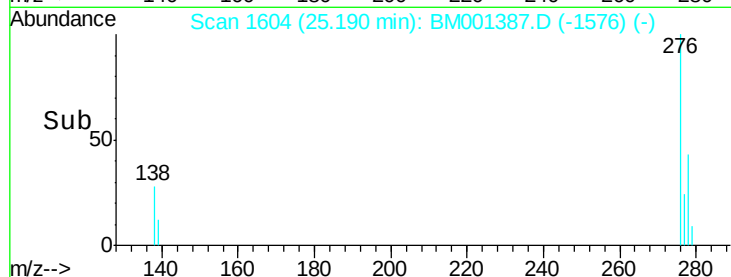
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.50 ng
 RT: 25.19 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BM001387.D
 Acq: 22 May 2015 17:54

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Tgt Ion: 276 Resp: 9114
 Ion Ratio Lower Upper
 276 100
 138 28.6 23.4 35.0
 277 24.7 19.5 29.3

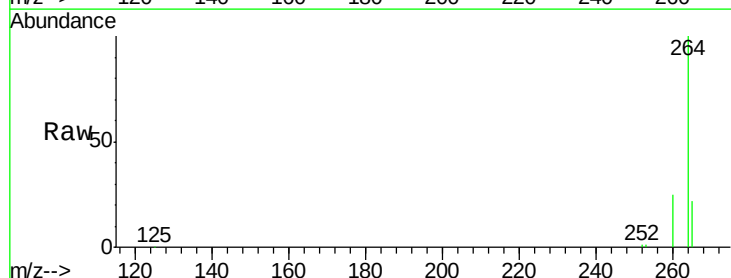


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

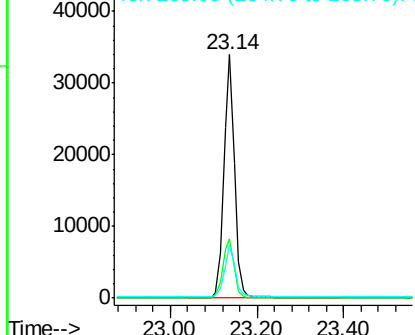
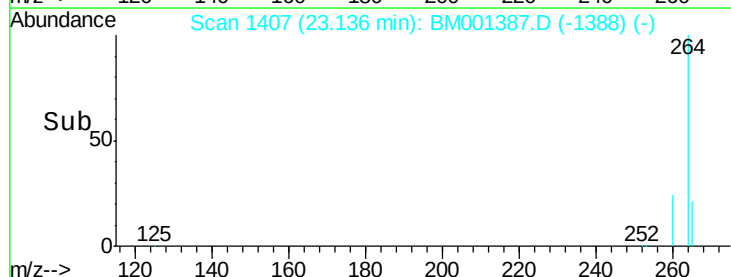


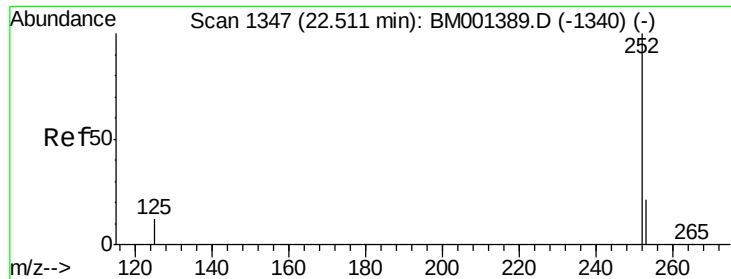
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.14 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BM001387.D
 Acq: 22 May 2015 17:54

Tgt Ion: 264 Resp: 57254
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.9 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: 0.49 ng

RT: 22.51 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

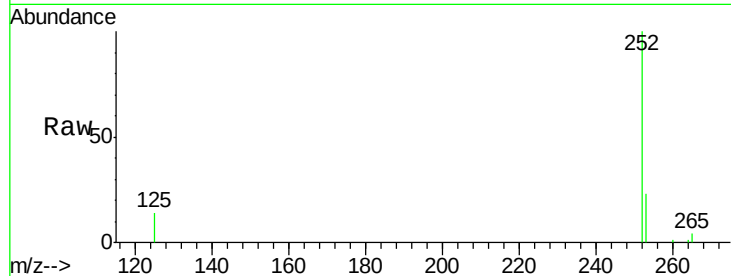
Tgt Ion:252 Resp: 8584

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

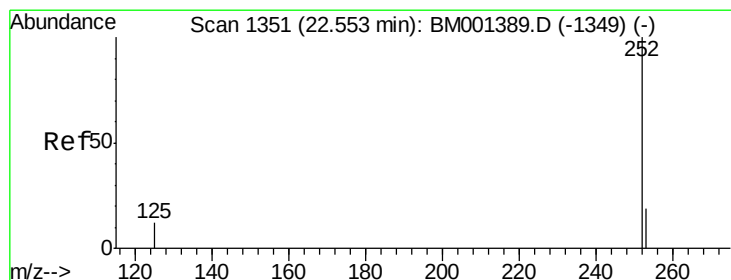
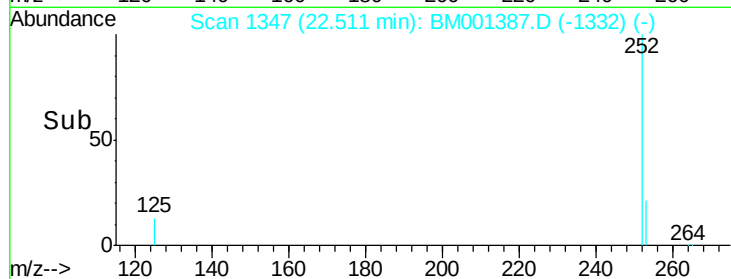
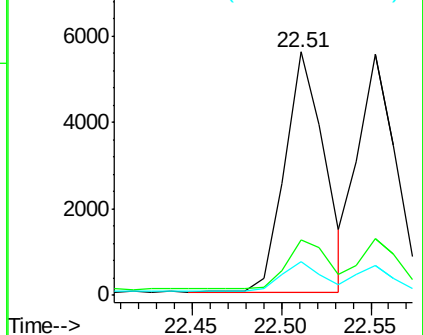
125 14.0 10.2 15.4



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: 0.53 ng

RT: 22.55 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

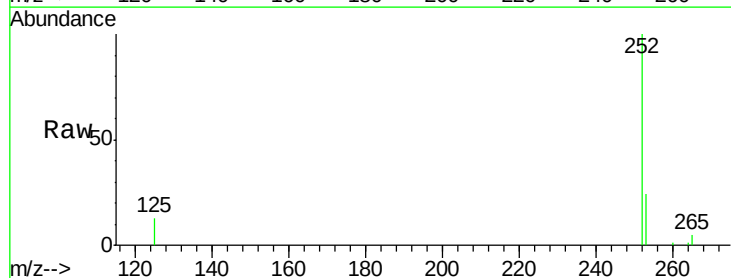
Tgt Ion:252 Resp: 8383

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

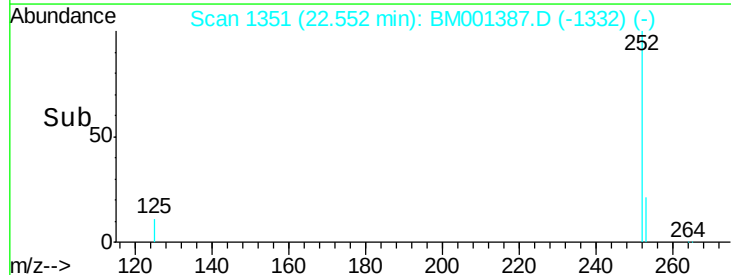
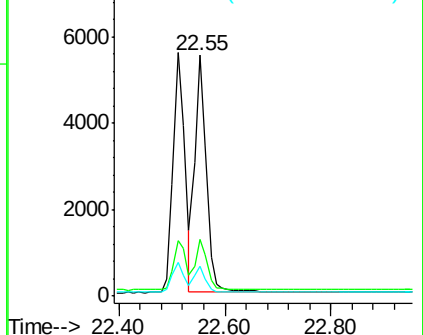
125 12.6 9.7 14.5

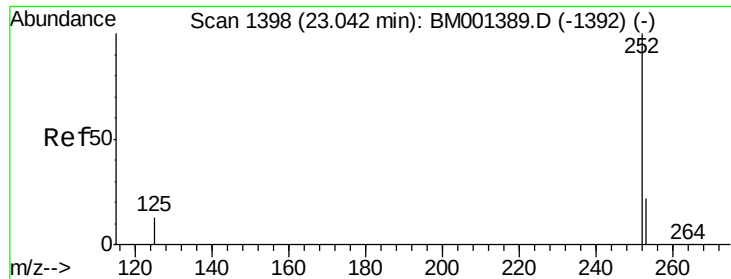


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.51 ng

RT: 23.04 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

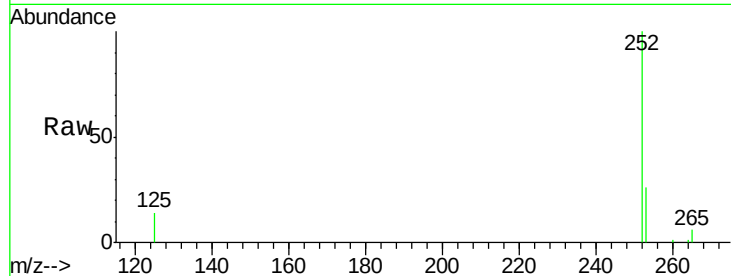
Tgt Ion:252 Resp: 7688

Ion Ratio Lower Upper

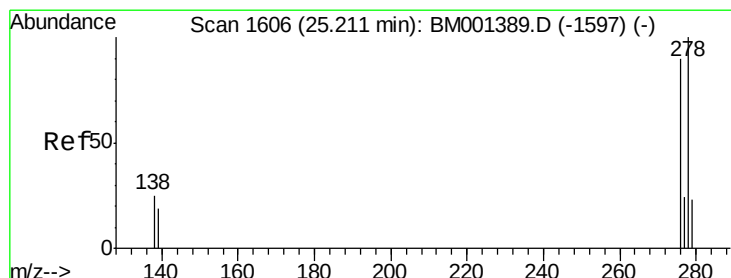
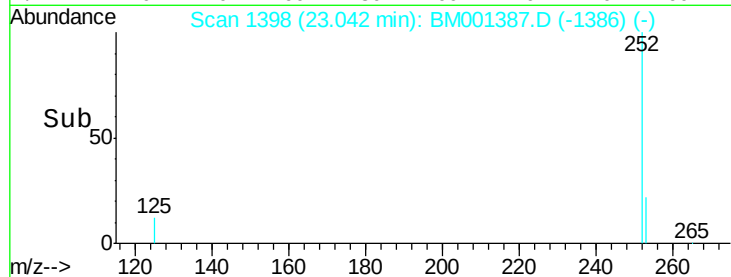
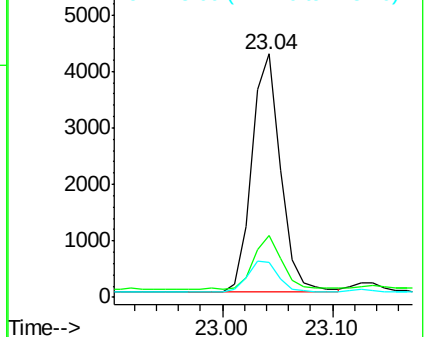
252 100

253 25.6 18.6 28.0

125 14.1 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: 0.51 ng

RT: 25.21 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BM001387.D

Acq: 22 May 2015 17:54

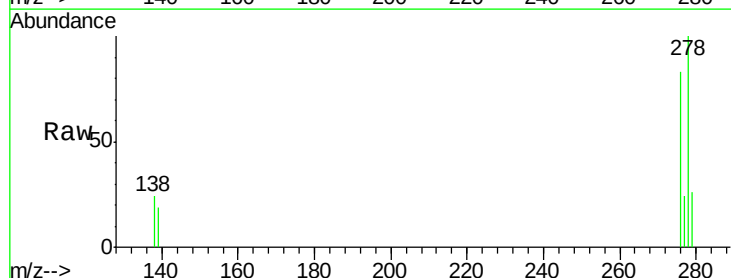
Tgt Ion:278 Resp: 7050

Ion Ratio Lower Upper

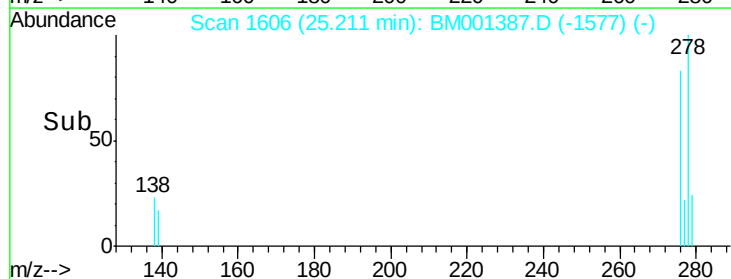
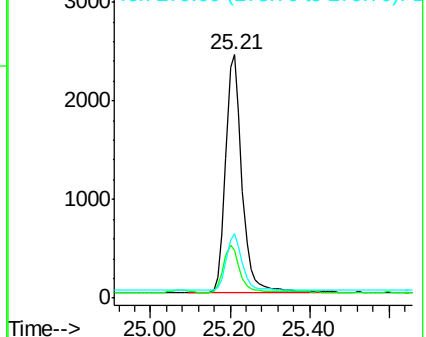
278 100

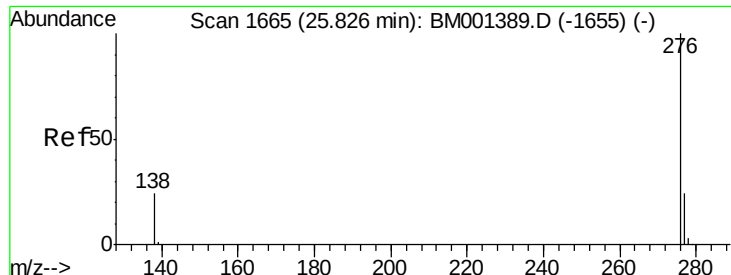
139 19.4 15.7 23.5

279 26.3 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: 0.51 ng

RT: 25.83 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BM001387.D

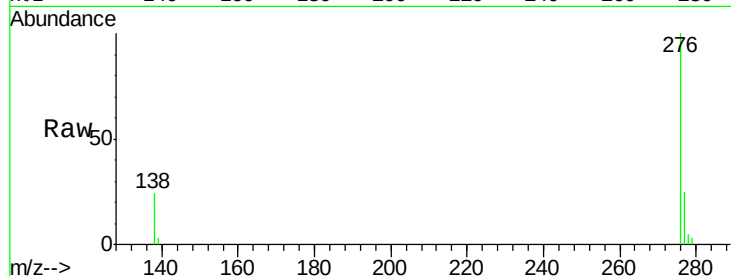
Acq: 22 May 2015 17:54

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5



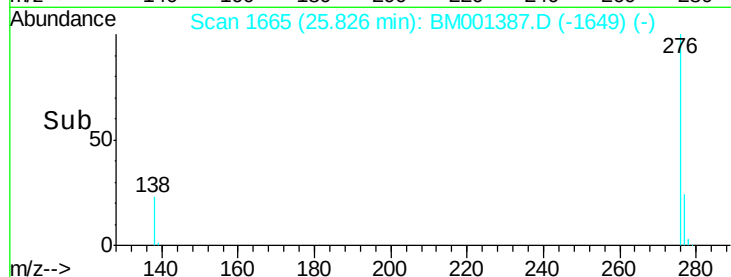
Tgt Ion: 276 Resp: 7580

Ion Ratio Lower Upper

276 100

277 25.1 19.8 29.6

138 24.4 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

