

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001312.D
 Acq On : 15 May 2015 03:19
 Operator : TP/IZ
 Sample : PB83389BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83389BL

Quant Time: May 15 06:18:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 06:04:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	13845	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	49190	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	25533	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	73649	5.00	ng	0.00
24) Chrysene-d12	21.07	240	43769	5.00	ng	0.00
30) Perylene-d12	23.17	264	41420	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	34509	12.80	ng	0.00
5) Phenol-d6	6.63	99	41154	13.52	ng	0.00
7) Nitrobenzene-d5	8.60	82	22833	7.31	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	8005	9.14	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	68841	8.68	ng	0.00
26) Terphenyl-d14	19.51	244	52957	9.01	ng	0.00

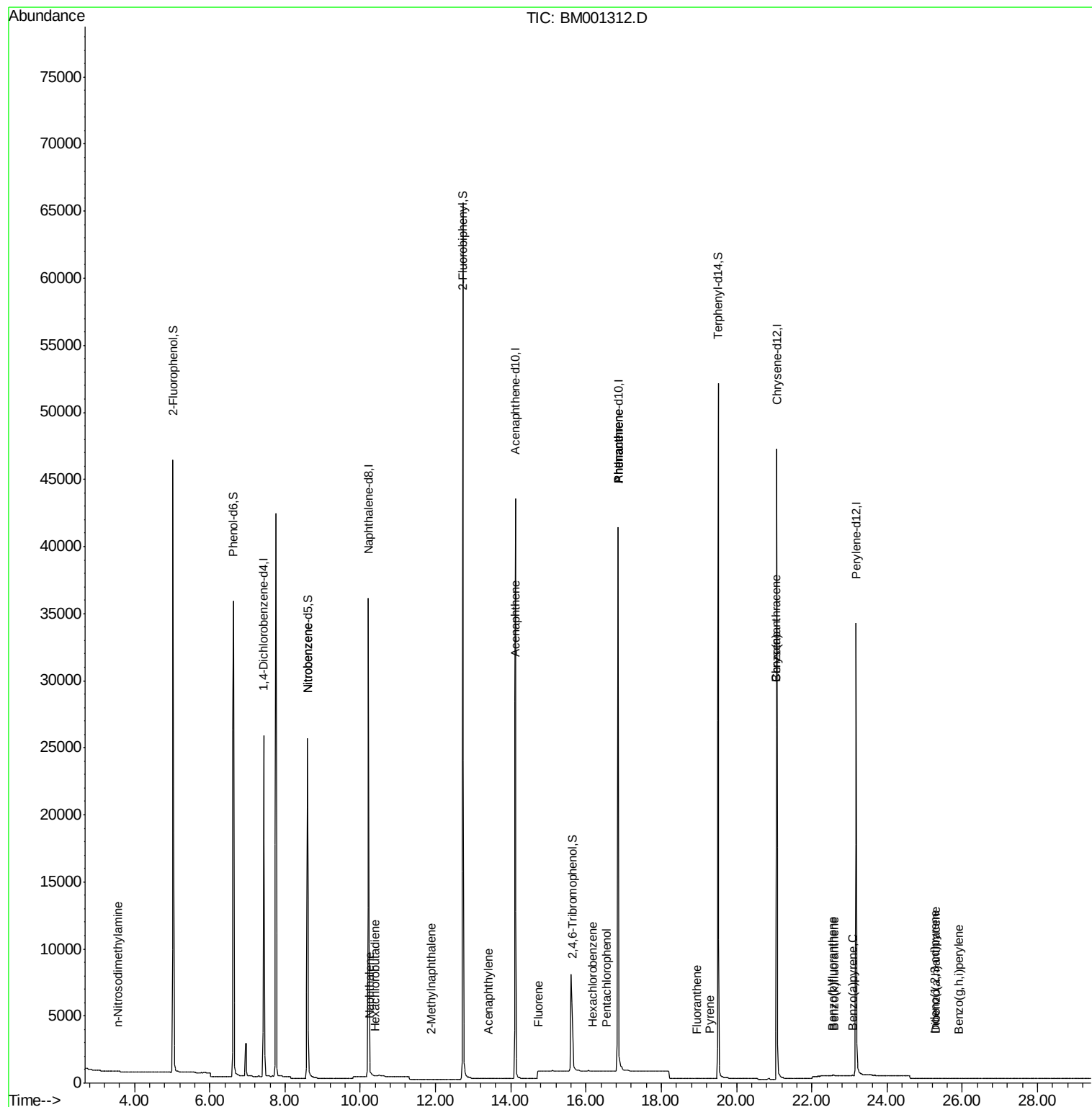
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.55	42	13	0.01	ng	# 1
8) Nitrobenzene	8.60	77	83	0.16	ng	# 30
9) Naphthalene	10.25	128	22	0.00	ng	# 1
10) Hexachlorobutadiene	10.39	225	19	0.01	ng	# 35
11) 2-Methylnaphthalene	11.90	142	5	0.00	ng	# 62
15) Acenaphthylene	13.41	152	32	0.00	ng	# 1
16) Acenaphthene	14.11	154	109	0.02	ng	# 9
17) Fluorene	14.74	166	433	0.07	ng	# 14
19) Hexachlorobenzene	16.18	284	2	0.00	ng	# 46
20) Pentachlorophenol	16.55	266	2	0.41	ng	# 71
21) Phenanthrene	16.85	178	55	0.00	ng	# 57
22) Anthracene	16.85	178	55	0.01	ng	# 58
23) Fluoranthene	18.93	202	27	0.00	ng	# 33
25) Pyrene	19.30	202	30	0.00	ng	# 87
27) Benzo(a)anthracene	21.06	228	189	0.02	ng	# 61
28) Chrysene	21.06	228	189	0.02	ng	# 65
29) Indeno(1,2,3-cd)pyrene	25.27	276	93	0.01	ng	# 87
31) Benzo(b)fluoranthene	22.55	252	80	0.01	ng	# 1
32) Benzo(k)fluoranthene	22.59	252	65	0.01	ng	# 1
33) Benzo(a)pyrene	23.08	252	54	0.01	ng	# 1
34) Dibenzo(a,h)anthracene	25.29	278	79	0.01	ng	# 1
35) Benzo(g,h,i)perylene	25.90	276	100	0.01	ng	# 1

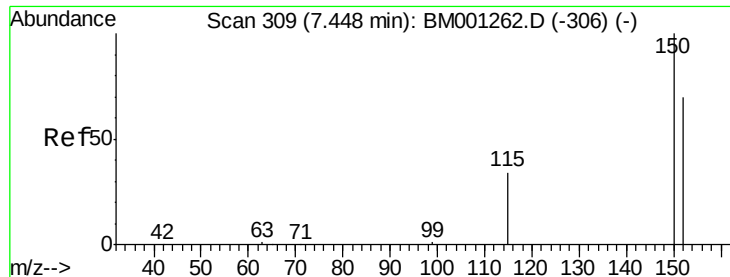
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

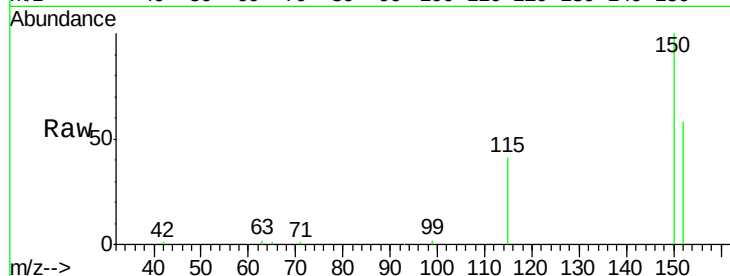
Tgt Ion:152 Resp: 13845

Ion Ratio Lower Upper

152 100

150 173.1 114.6 172.0#

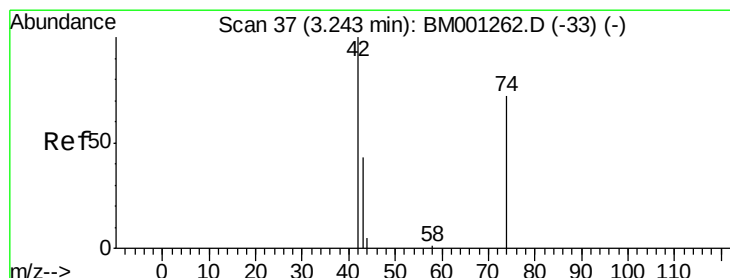
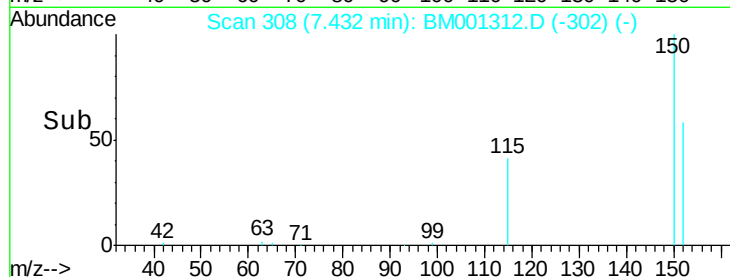
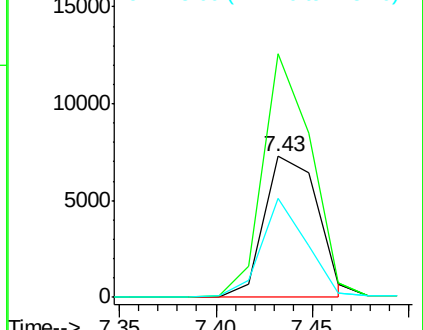
115 70.8 39.3 58.9#



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



#3

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 3.55 min Scan# 57

Delta R.T. 0.31 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

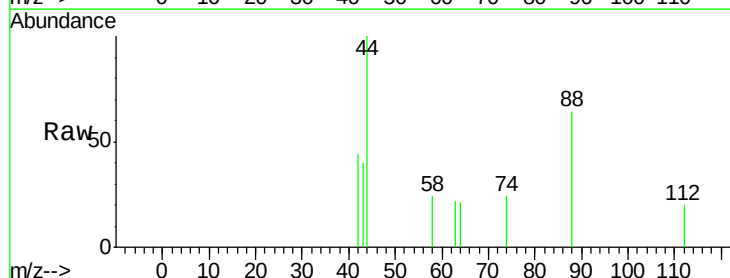
Tgt Ion: 42 Resp: 13

Ion Ratio Lower Upper

42 100

74 0.0 82.1 123.1#

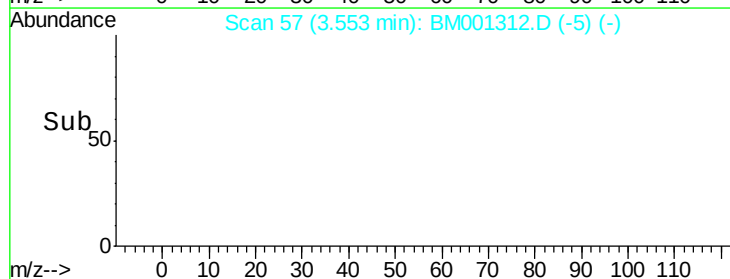
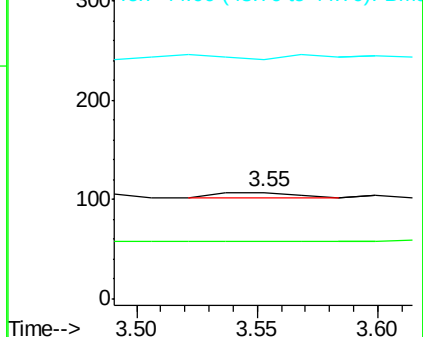
44 176.9 3.0 4.4#

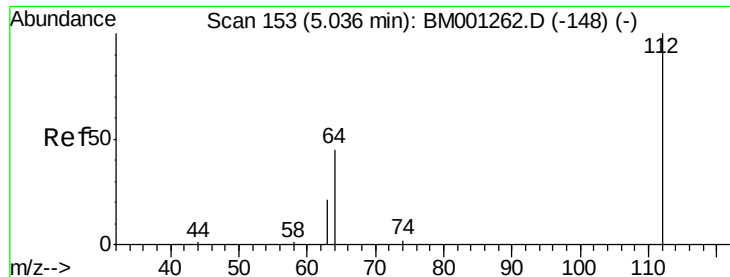


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 12.80 ng

RT: 5.02 min Scan# 152

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampled :

PB83389BL

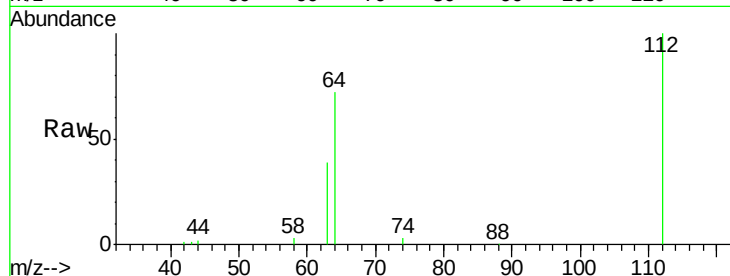
Tgt Ion: 112 Resp: 34509

Ion Ratio Lower Upper

112 100

64 64.2 50.8 76.2

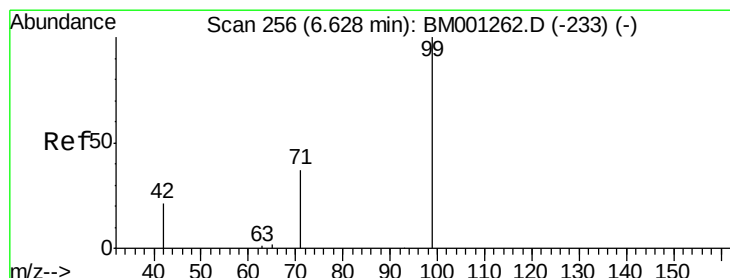
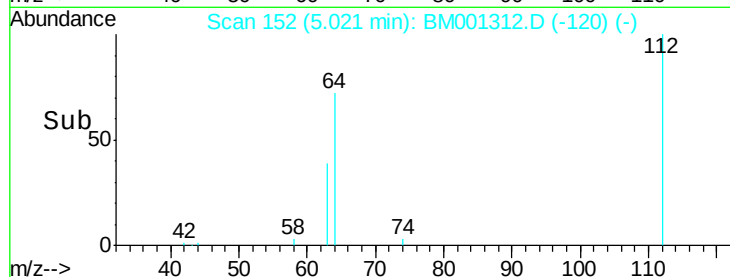
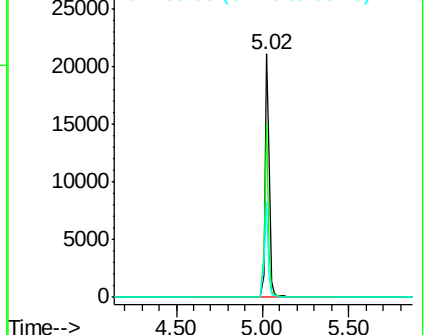
63 35.4 28.2 42.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 13.52 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

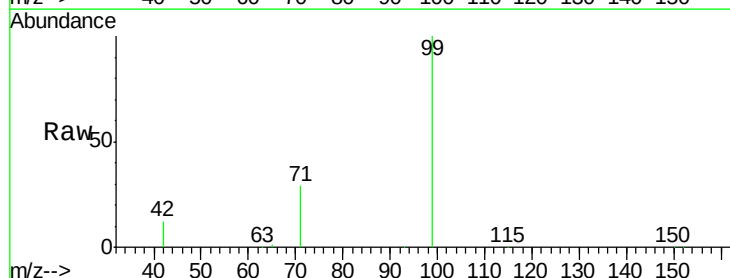
Tgt Ion: 99 Resp: 41154

Ion Ratio Lower Upper

99 100

42 24.6 19.9 29.9

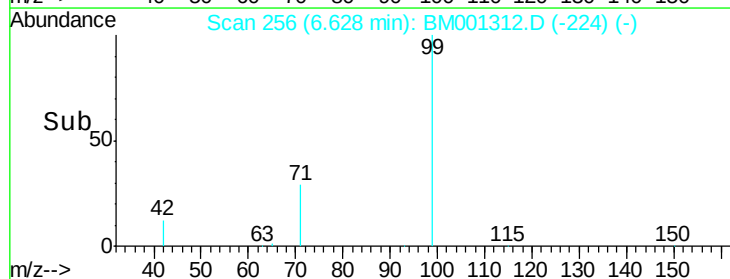
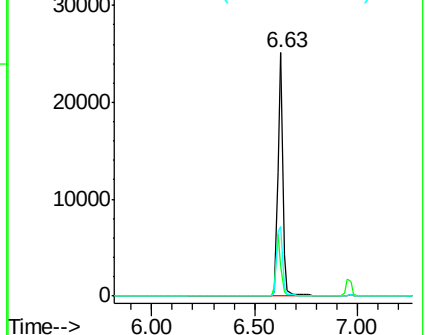
71 35.4 28.0 42.0

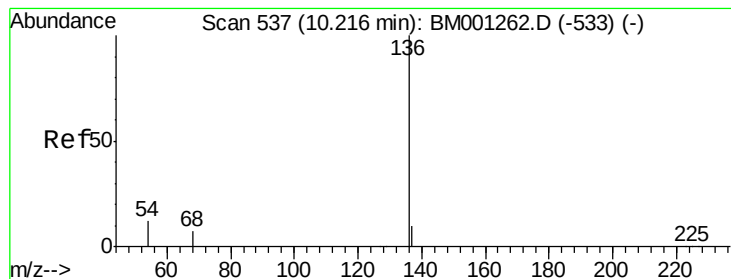


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

Tgt Ion: 136 Resp: 49190

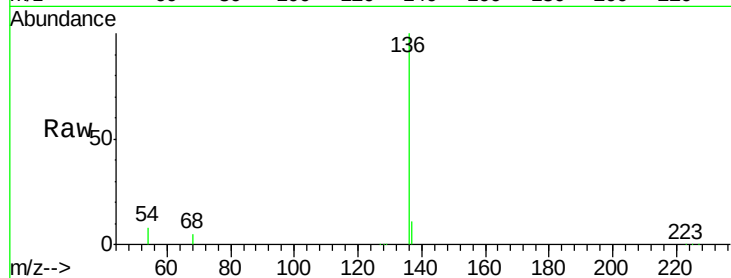
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 8.0 9.5 14.3#

68 5.0 5.5 8.3#

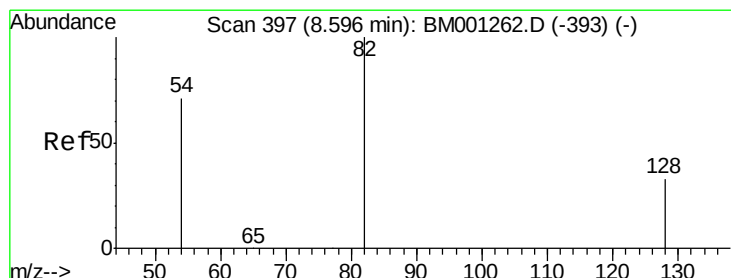
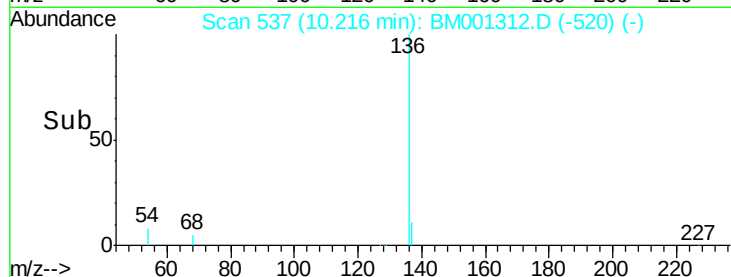
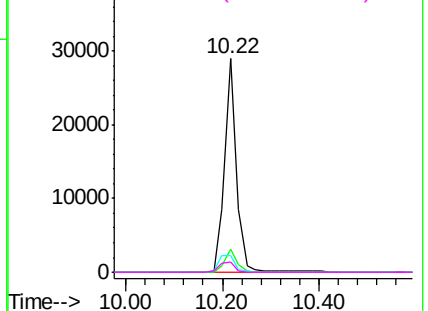


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#7

Nitrobenzene-d5

Concen: 7.31 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

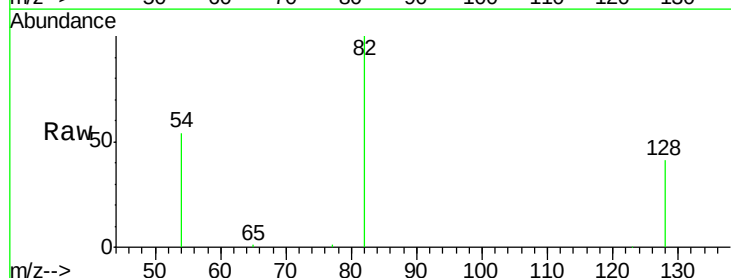
Tgt Ion: 82 Resp: 22833

Ion Ratio Lower Upper

82 100

128 41.2 28.0 42.0

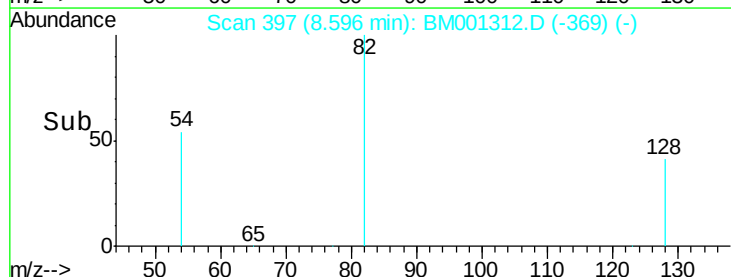
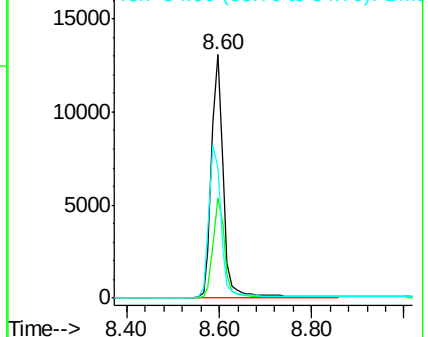
54 53.8 57.3 85.9#

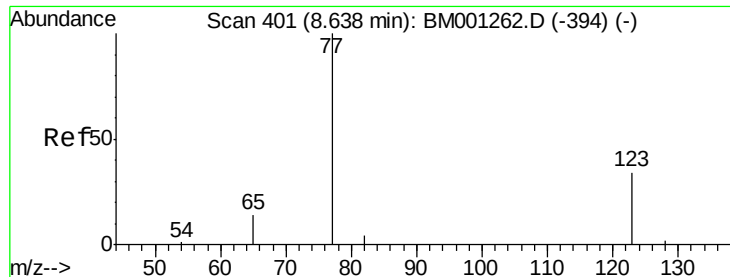


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.16 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.04 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

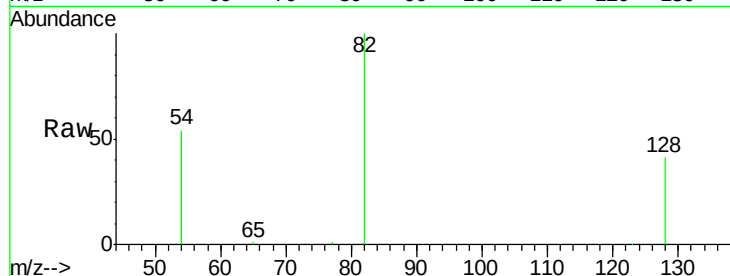
Tgt Ion: 77 Resp: 83

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

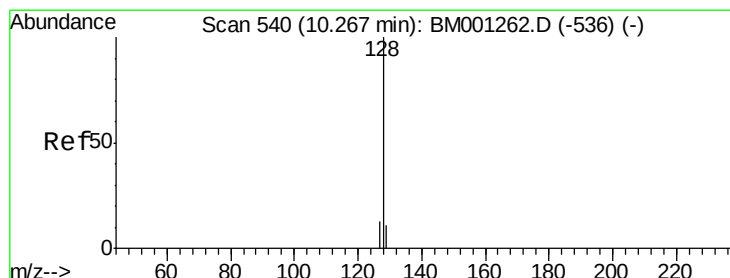
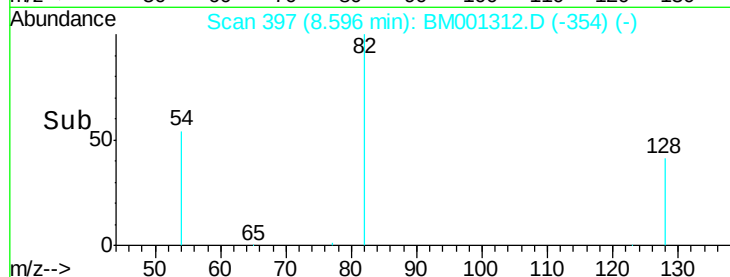
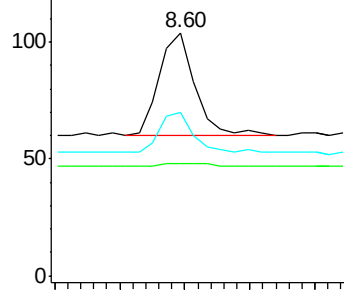
65 45.8 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BM001312.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001312.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001312.D (-354) (-)



#9

Naphthalene

Concen: 0.00 ng

RT: 10.25 min Scan# 539

Delta R.T. -0.02 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

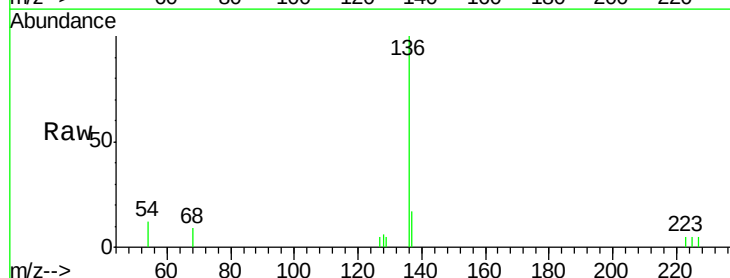
Tgt Ion: 128 Resp: 22

Ion Ratio Lower Upper

128 100

129 88.9 9.1 13.7#

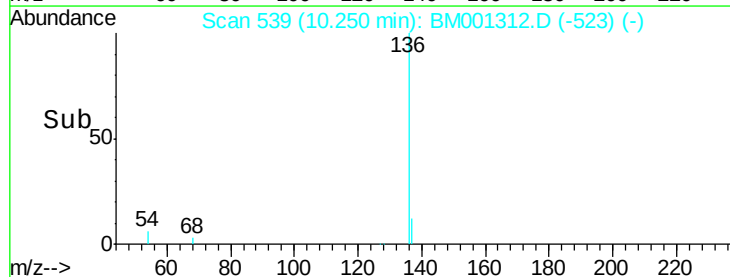
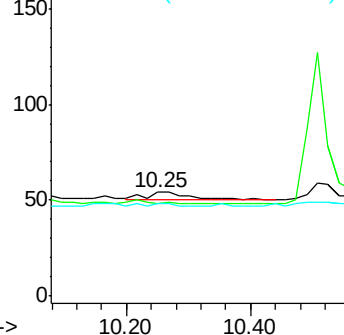
127 88.9 10.6 16.0#

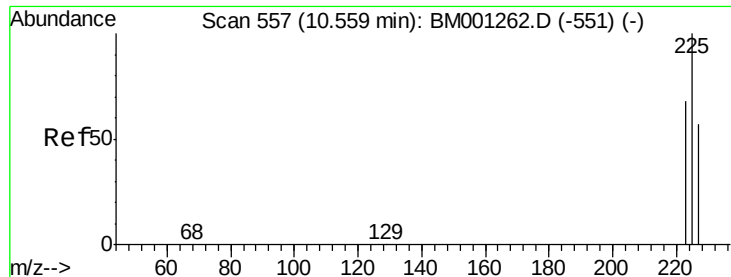


Abundance Ion 128.00 (127.70 to 128.70): BM001312.D (-523) (-)

Ion 129.00 (128.70 to 129.70): BM001312.D (-523) (-)

Ion 127.00 (126.70 to 127.70): BM001312.D (-523) (-)

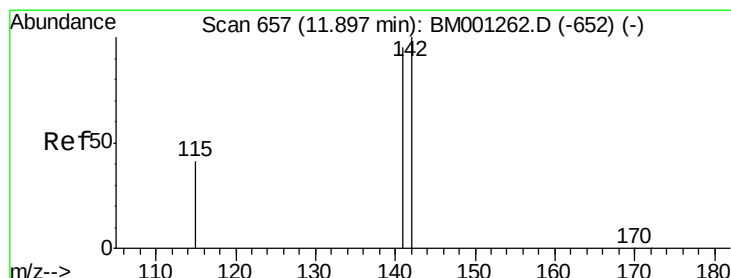
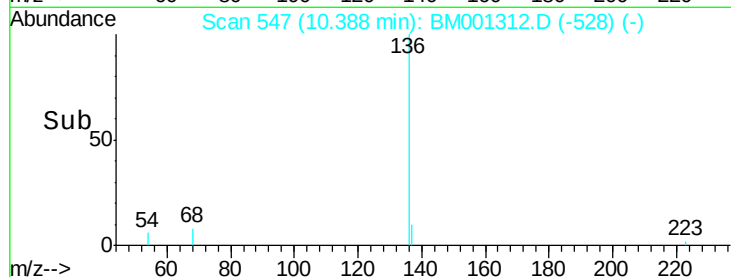
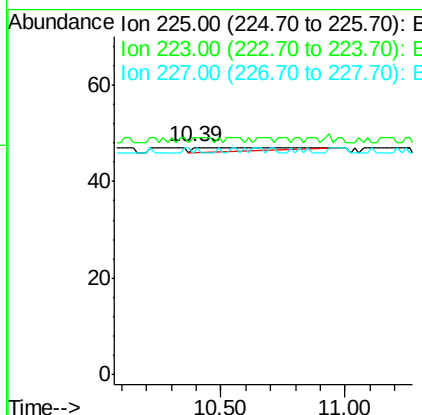
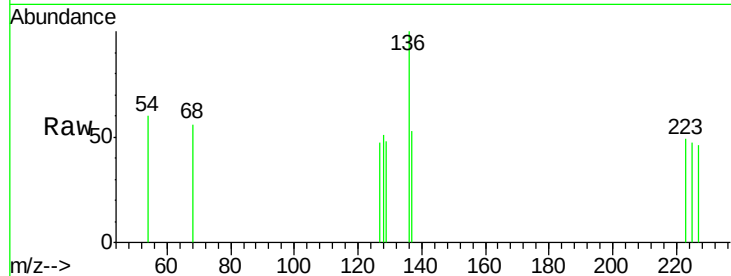




#10
Hexachlorobutadiene
Concen: 0.01 ng
RT: 10.39 min Scan# 547
Delta R.T. -0.17 min
Lab File: BM001312.D
Acq: 15 May 2015 03:19

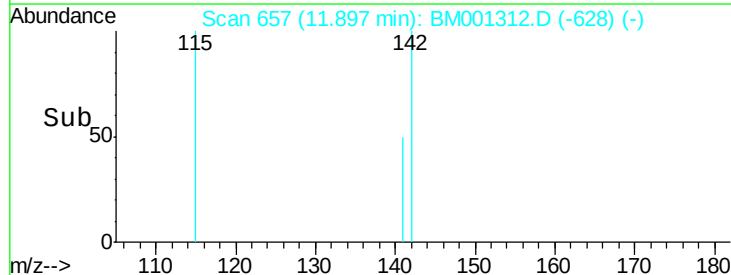
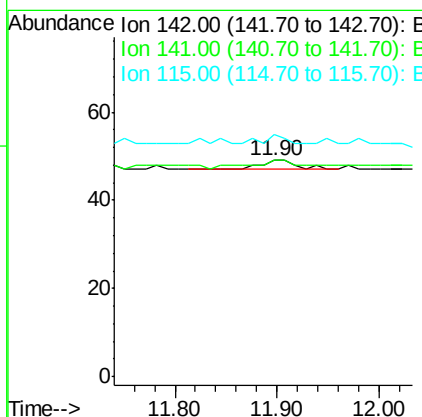
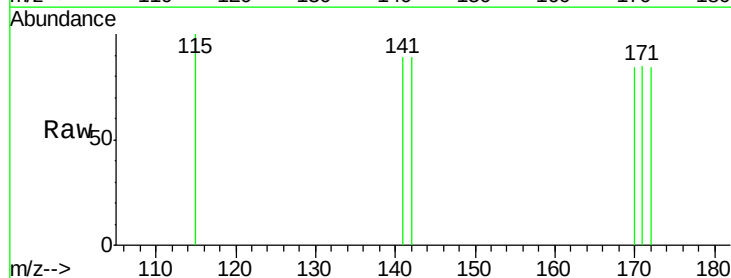
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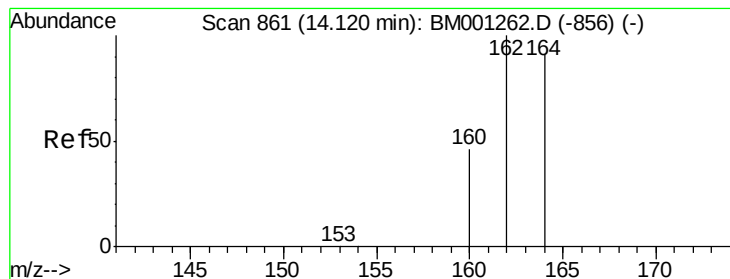
Tgt Ion: 225 Resp: 19
Ion Ratio Lower Upper
225 100
223 26.3 49.6 74.4#
227 0.0 51.4 77.2#



#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 11.90 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM001312.D
Acq: 15 May 2015 03:19

Tgt Ion: 142 Resp: 5
Ion Ratio Lower Upper
142 100
141 100.0 76.1 114.1
115 112.2 33.1 49.7#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

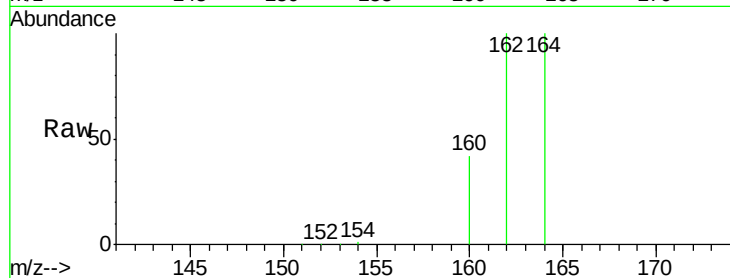
Tgt Ion:164 Resp: 25533

Ion Ratio Lower Upper

164 100

162 99.9 87.9 131.9

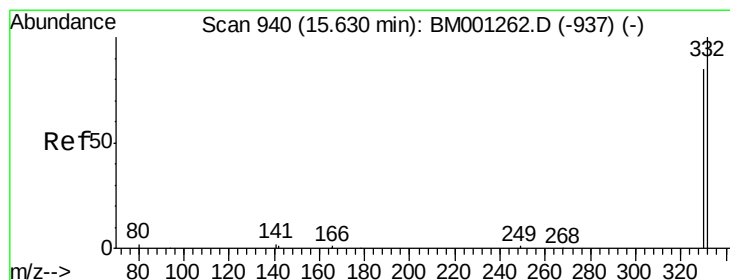
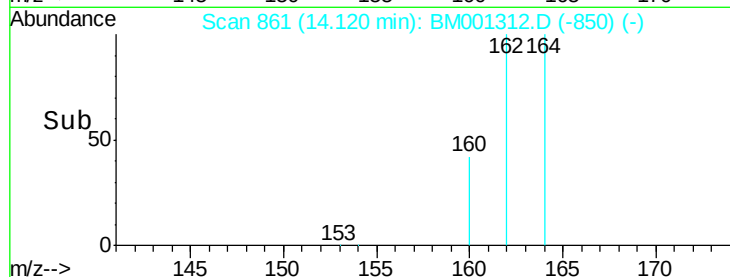
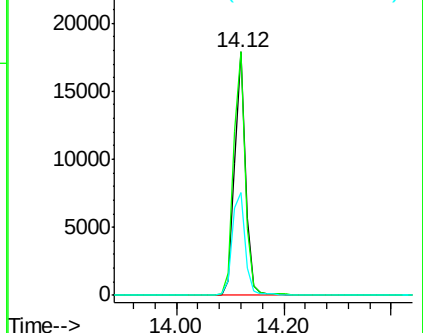
160 42.2 40.9 61.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#13

2,4,6-Tribromophenol

Concen: 9.14 ng

RT: 15.63 min Scan# 940

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

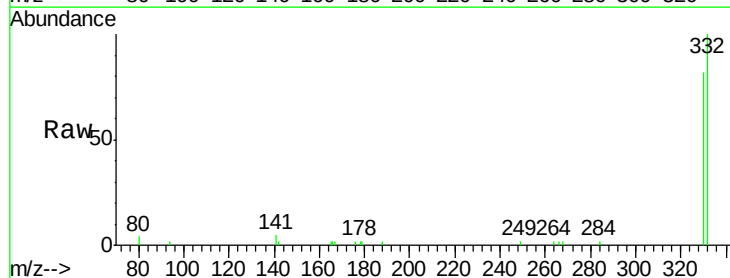
Tgt Ion:330 Resp: 8005

Ion Ratio Lower Upper

330 100

332 99.0 89.0 133.4

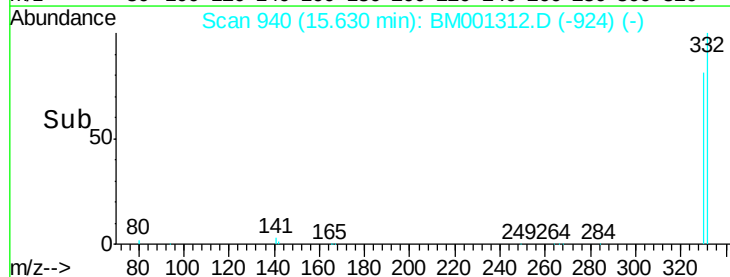
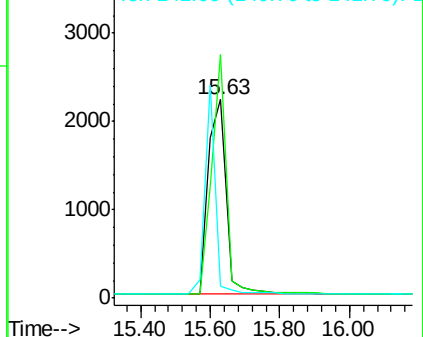
141 0.0 0.0 0.0

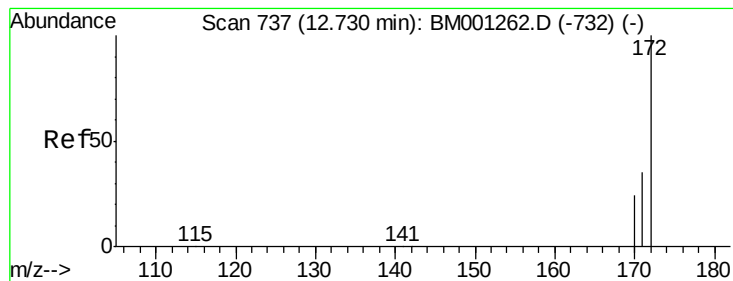


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

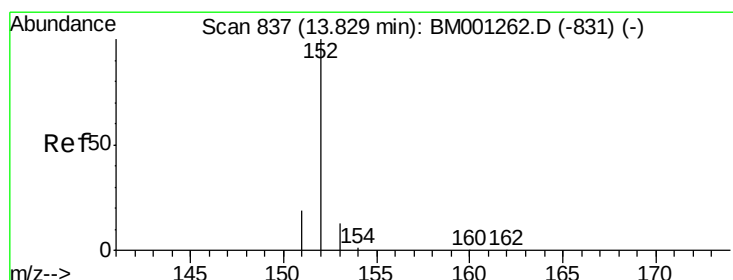
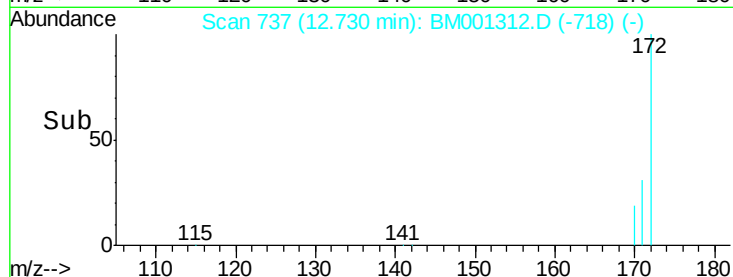
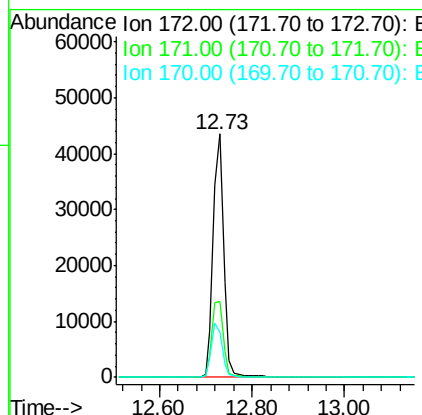
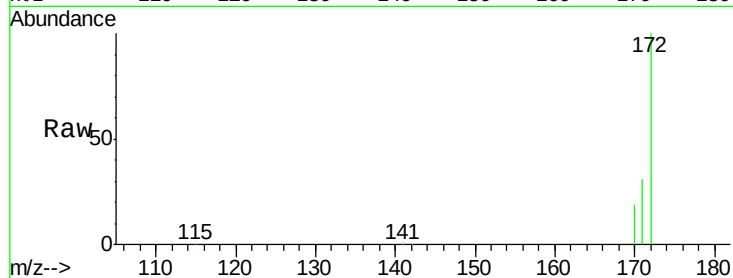




#14
2-Fluorobiphenyl
Concen: 8.68 ng
RT: 12.73 min Scan# 737
Delta R.T. 0.00 min
Lab File: BM001312.D
Acq: 15 May 2015 03:19

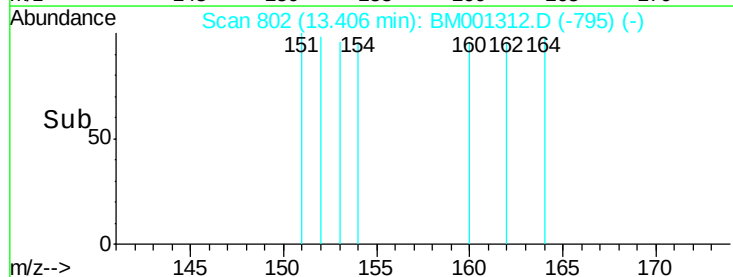
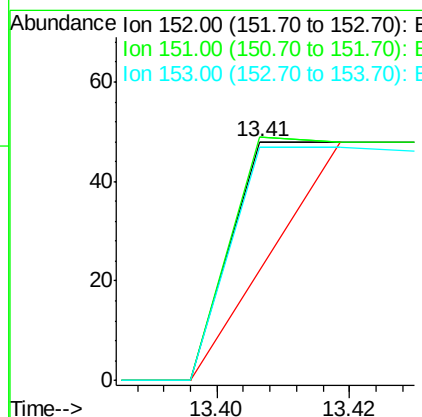
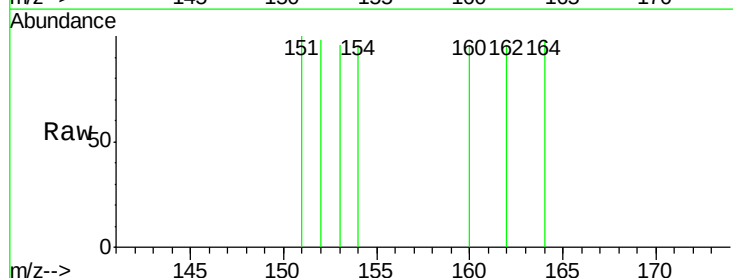
Instrument :
BNA_M
ClientSampleId :
PB83389BL

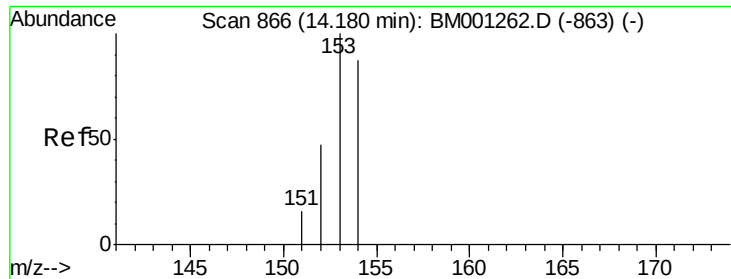
Tgt Ion:172 Resp: 68841
Ion Ratio Lower Upper
172 100
171 31.4 28.7 43.1
170 18.7 19.5 29.3#



#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.41 min Scan# 802
Delta R.T. -0.42 min
Lab File: BM001312.D
Acq: 15 May 2015 03:19

Tgt Ion:152 Resp: 32
Ion Ratio Lower Upper
152 100
151 306.3 15.0 22.4#
153 0.0 10.1 15.1#





#16

Acenaphthene

Concen: 0.02 ng

RT: 14.11 min Scan# 860

Delta R.T. -0.07 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampled :

PB83389BL

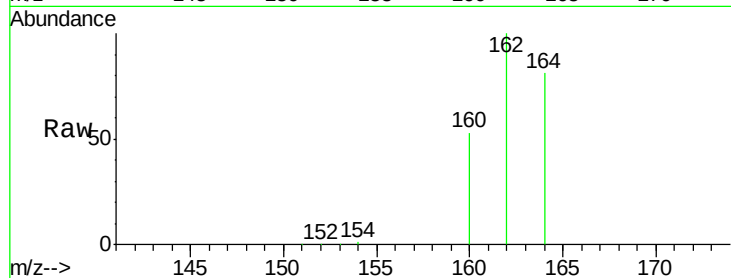
Tgt Ion:154 Resp: 109

Ion Ratio Lower Upper

154 100

153 7.3 91.4 137.2#

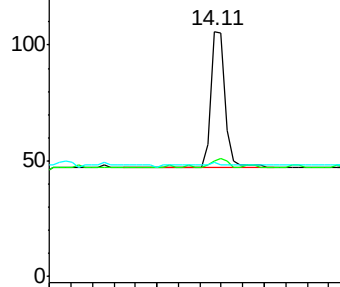
152 0.9 44.3 66.5#



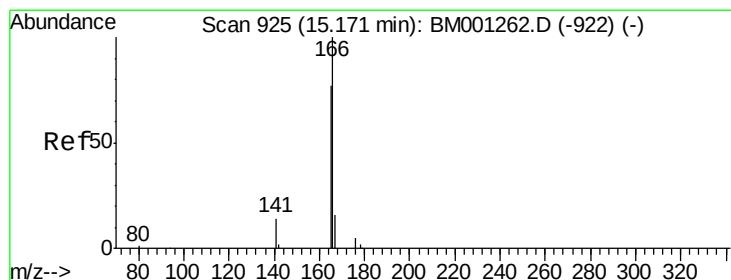
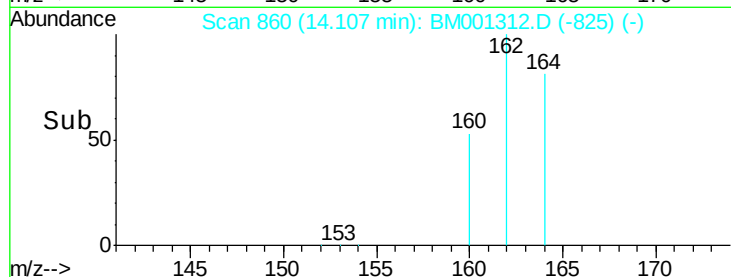
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time--> 13.80 14.00 14.20



#17

Fluorene

Concen: 0.07 ng

RT: 14.74 min Scan# 911

Delta R.T. -0.40 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

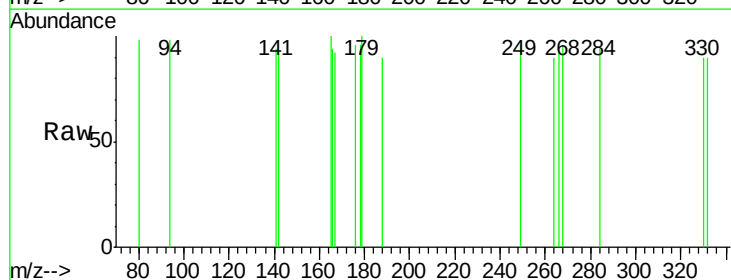
Tgt Ion:166 Resp: 433

Ion Ratio Lower Upper

166 100

165 0.0 70.6 106.0#

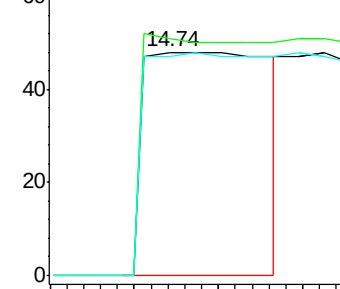
167 0.0 11.3 16.9#



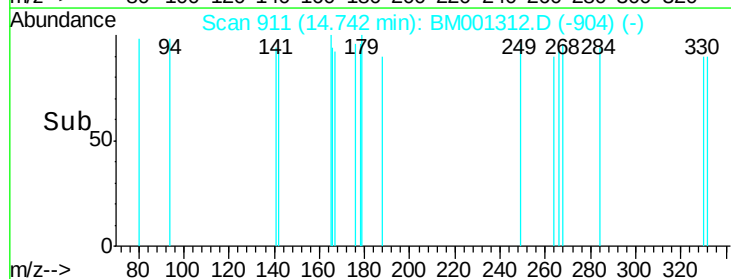
Abundance Ion 166.00 (165.70 to 166.70): E

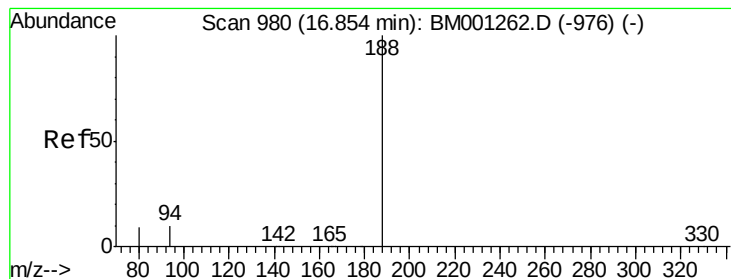
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 14.60 14.70 14.80 14.90





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

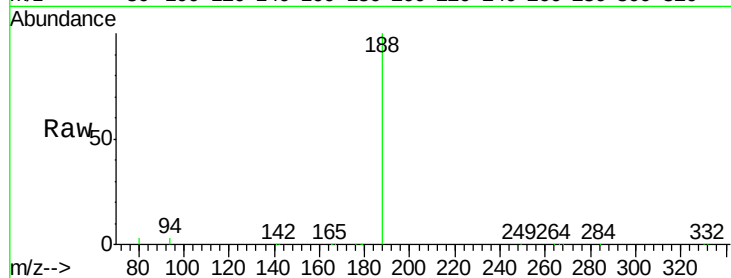
Tgt Ion:188 Resp: 73649

Ion Ratio Lower Upper

188 100

94 3.1 7.8 11.8#

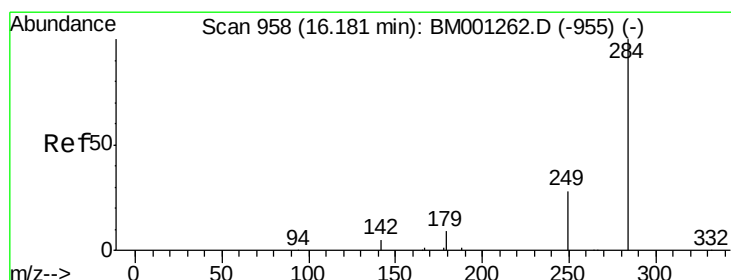
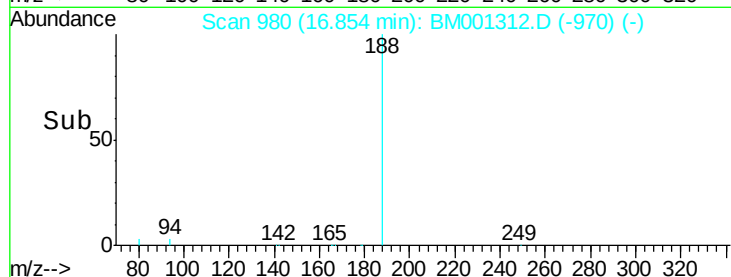
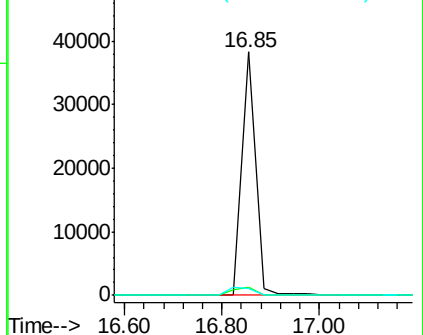
80 2.8 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#19

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.18 min Scan# 958

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

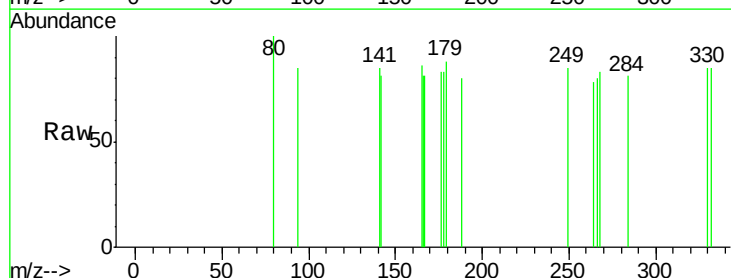
Tgt Ion:284 Resp: 2

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

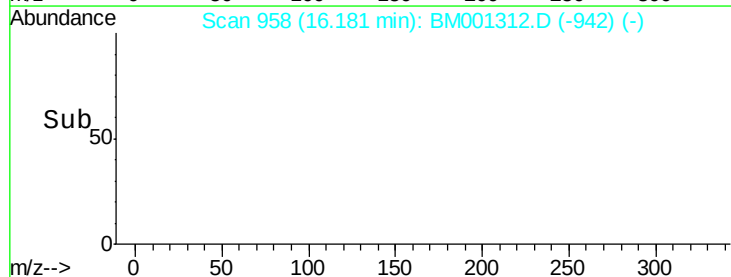
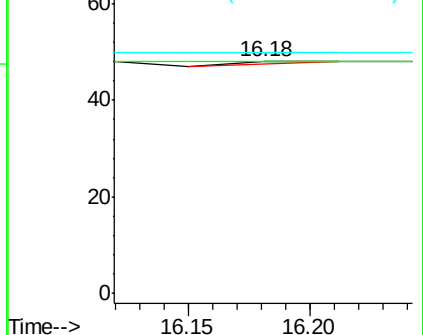
249 0.0 22.7 34.1#

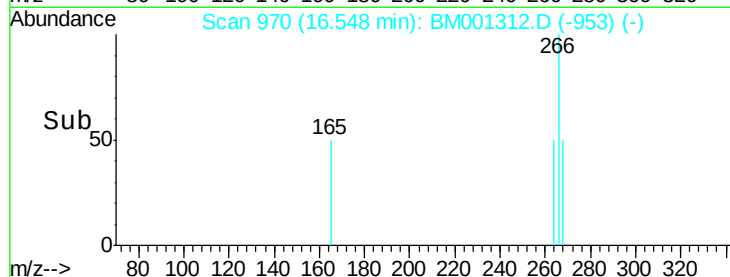
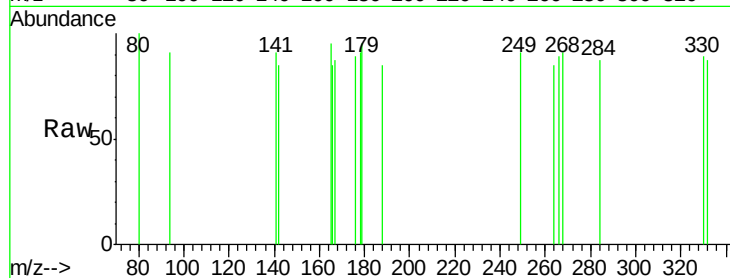
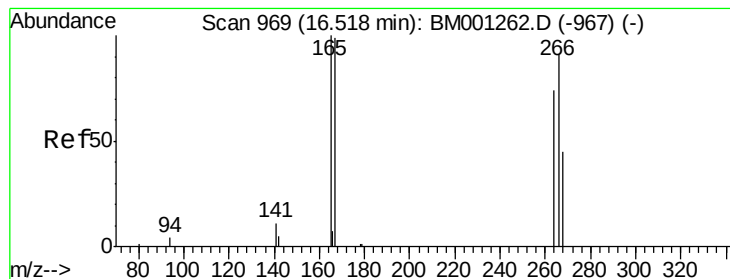


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#20

Pentachlorophenol

Concen: 0.41 ng

RT: 16.55 min Scan# 970

Delta R.T. 0.03 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

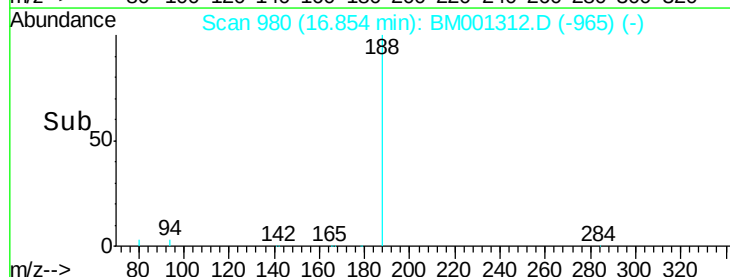
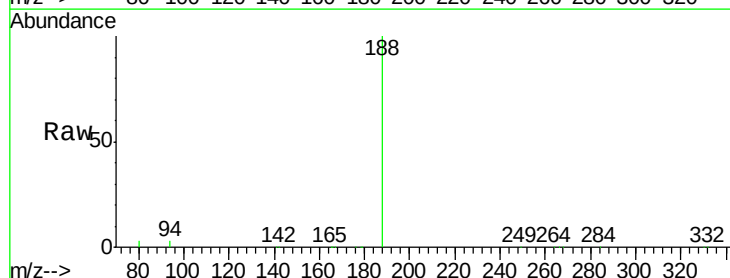
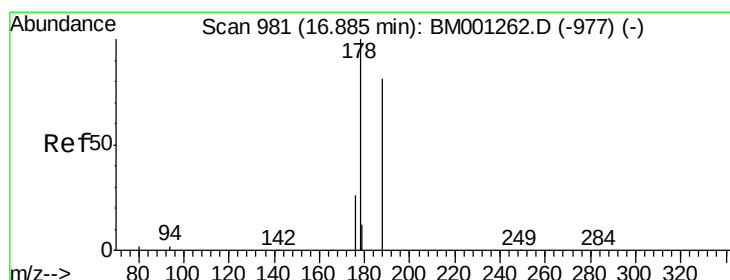
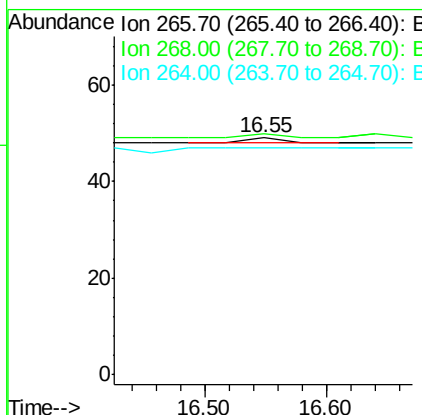
Instrument :

BNA_M

ClientSampled :

PB83389BL

Tgt Ion:	266	Resp:	2
Ion	Ratio	Lower	Upper
266	100		
268	102.0	49.4	74.0#
264	95.9	67.8	101.6



#21

Phenanthrene

Concen: 0.00 ng

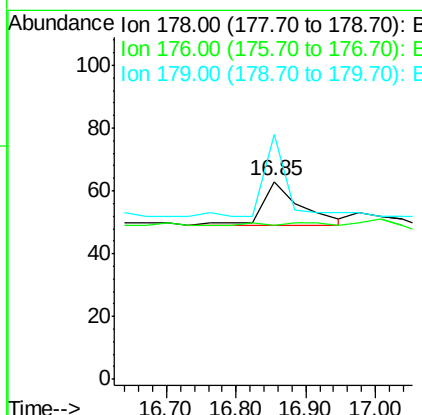
RT: 16.85 min Scan# 980

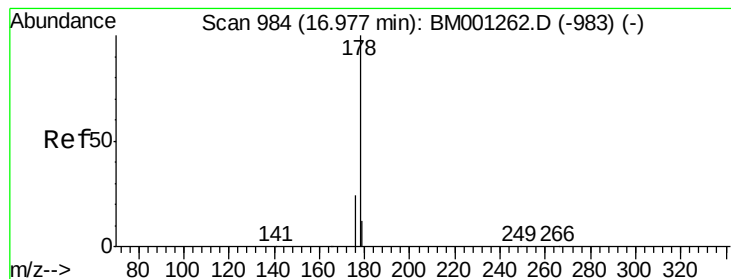
Delta R.T. -0.03 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Tgt Ion:	178	Resp:	55
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	123.6	0.0	0.0#





#22

Anthracene

Concen: 0.01 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.12 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

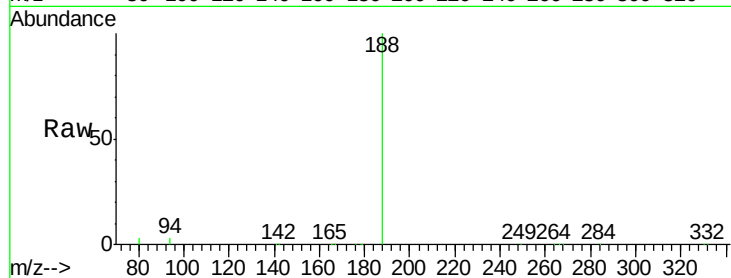
Tgt Ion:178 Resp: 55

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

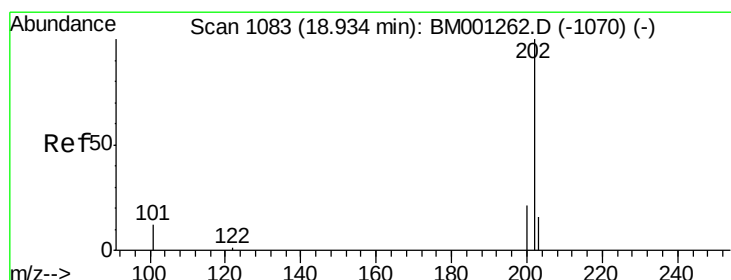
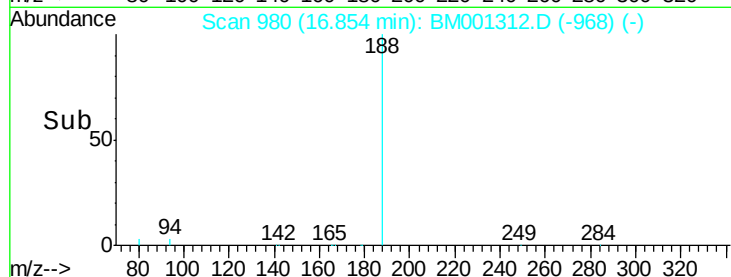
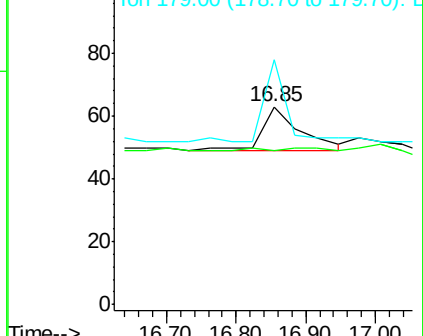
179 107.3 0.0 0.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#23

Fluoranthene

Concen: 0.00 ng

RT: 18.93 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

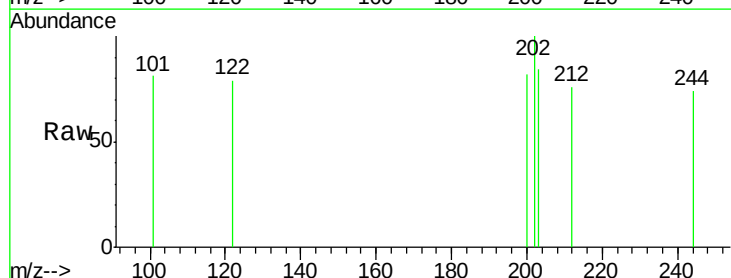
Tgt Ion:202 Resp: 27

Ion Ratio Lower Upper

202 100

101 14.8 9.1 13.7#

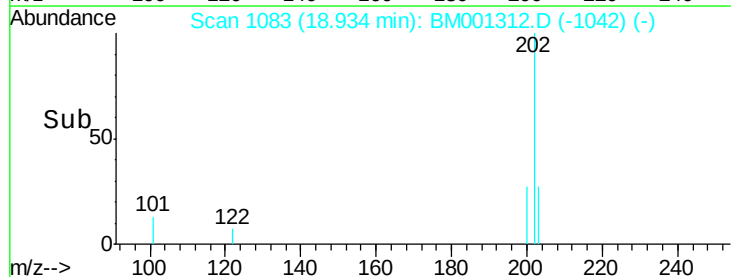
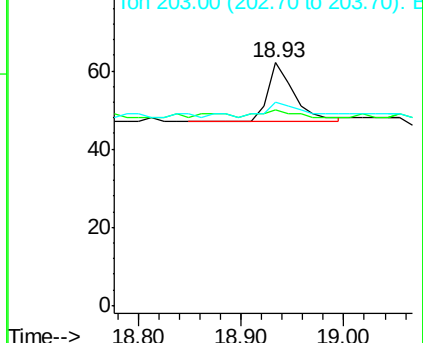
203 63.0 13.8 20.6#

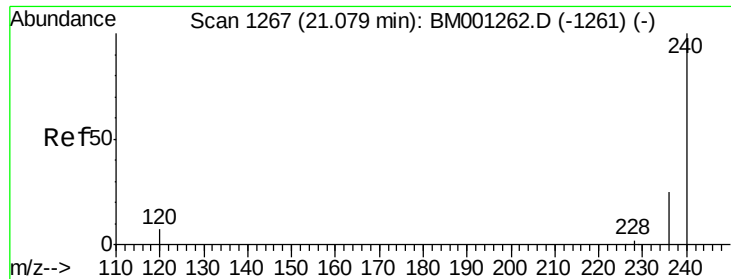


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

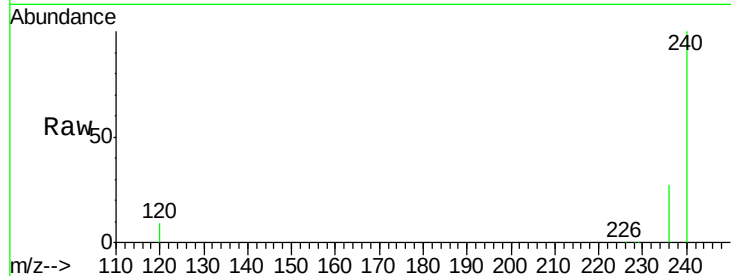
Tgt Ion:240 Resp: 43769

Ion Ratio Lower Upper

240 100

120 8.9 5.5 8.3#

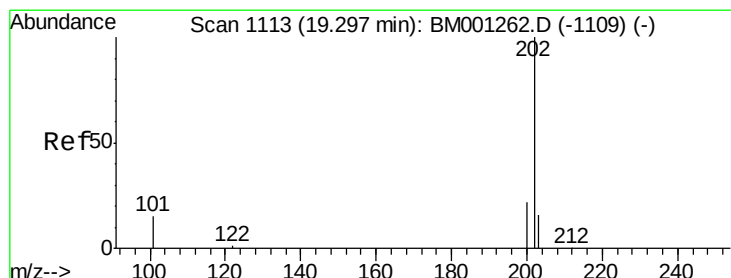
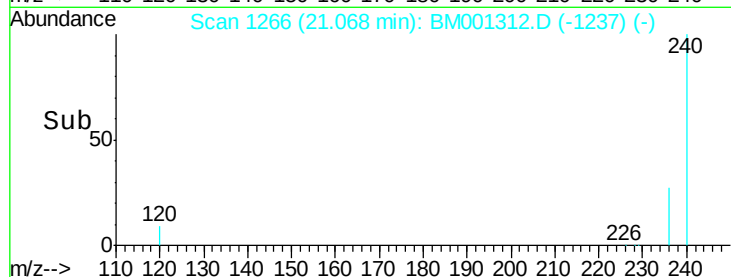
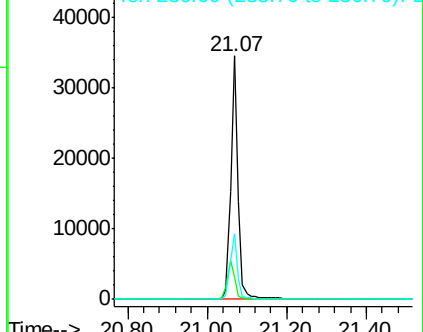
236 27.1 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#25

Pyrene

Concen: 0.00 ng

RT: 19.30 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

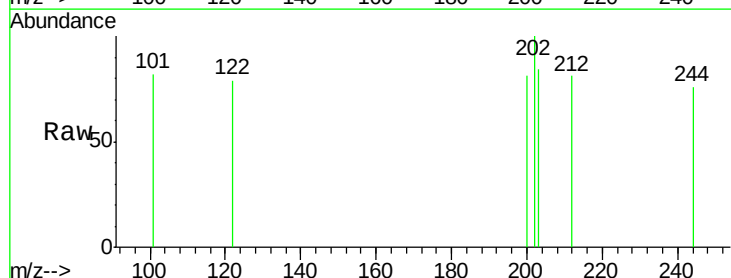
Tgt Ion:202 Resp: 30

Ion Ratio Lower Upper

202 100

200 26.7 16.4 24.6#

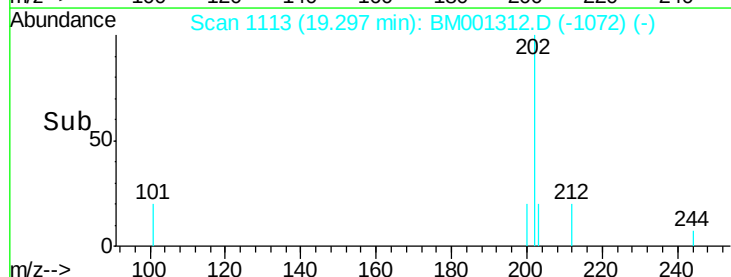
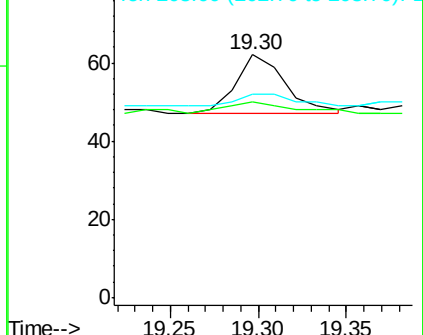
203 23.3 13.9 20.9#

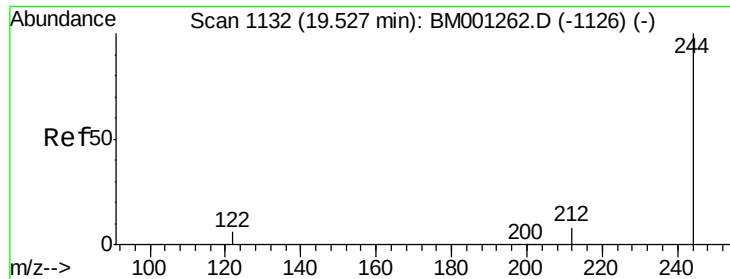


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#26

Terphenyl-d14

Concen: 9.01 ng

RT: 19.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

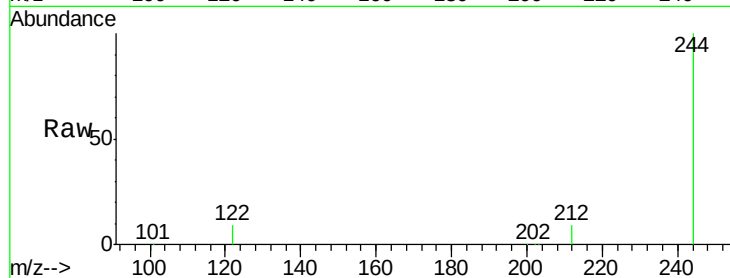
Tgt Ion:244 Resp: 52957

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

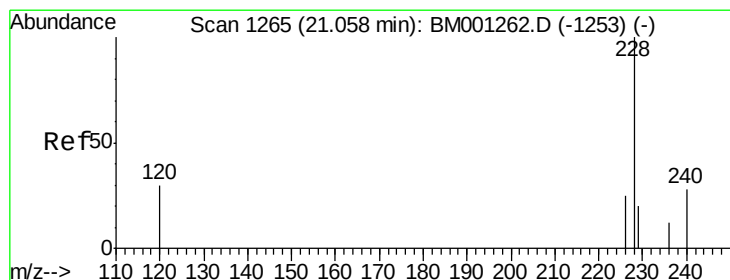
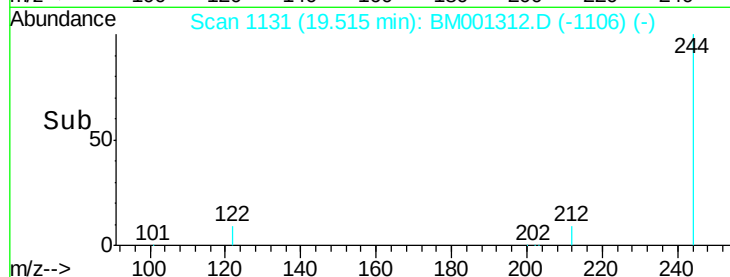
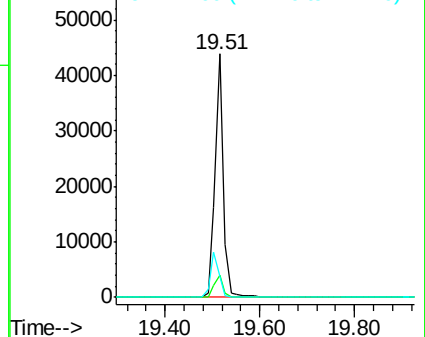
122 8.8 5.6 8.4#



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



#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.06 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

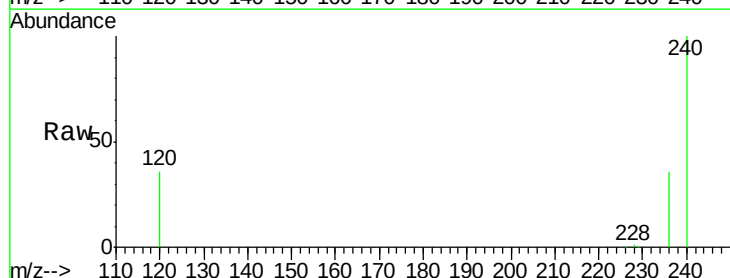
Tgt Ion:228 Resp: 189

Ion Ratio Lower Upper

228 100

226 38.7 20.5 30.7#

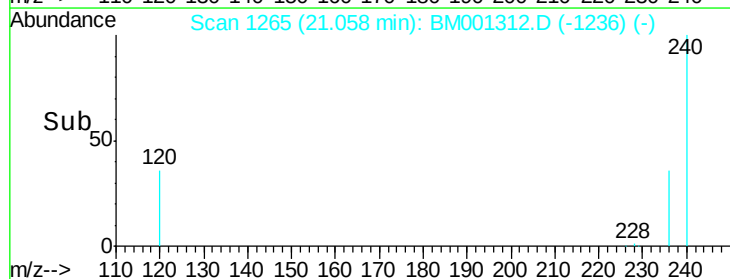
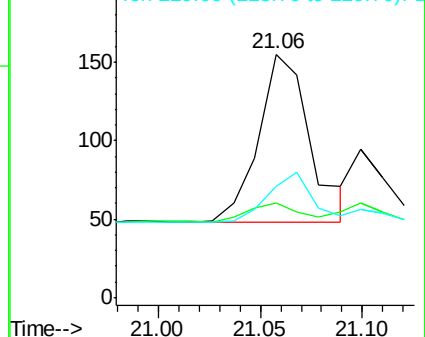
229 45.8 16.2 24.4#

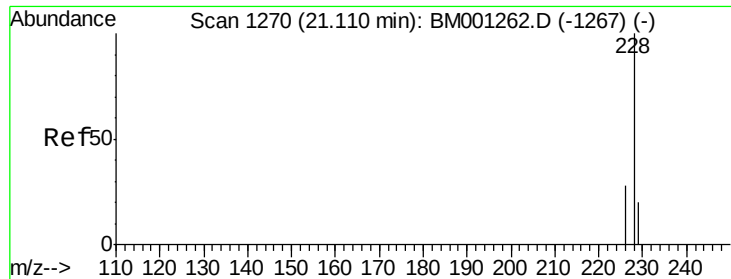


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#28

Chrysene

Concen: 0.02 ng

RT: 21.06 min Scan# 1265

Delta R.T. -0.04 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

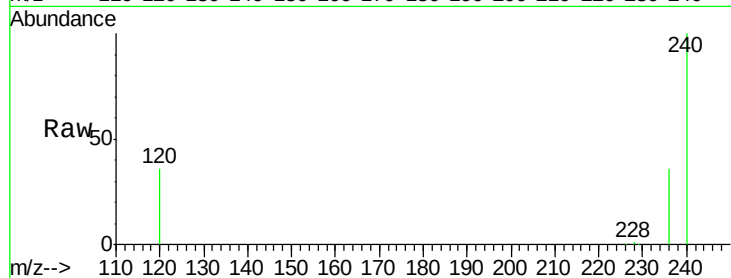
Tgt Ion: 228 Resp: 189

Ion Ratio Lower Upper

228 100

226 38.7 22.2 33.2#

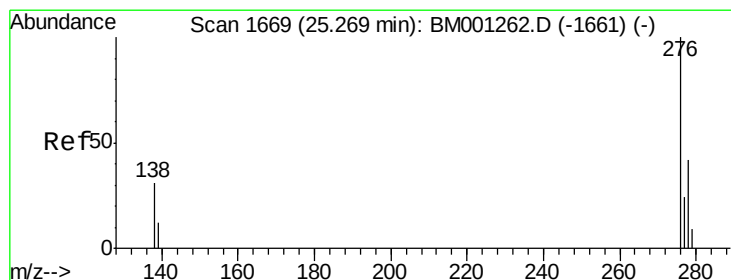
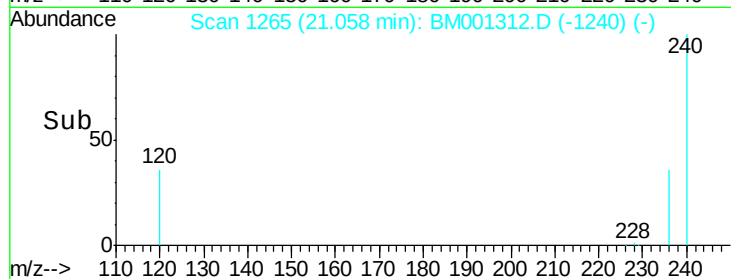
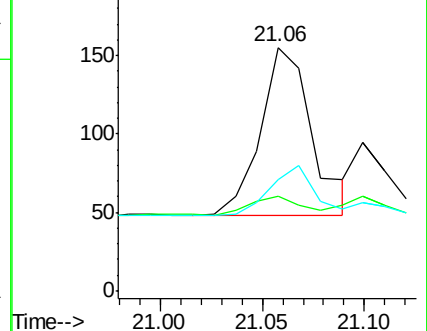
229 45.8 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#29

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 25.27 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

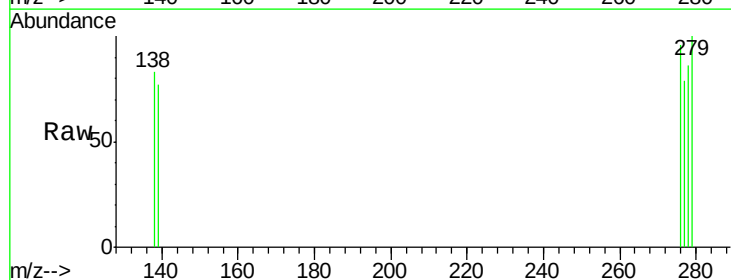
Tgt Ion: 276 Resp: 93

Ion Ratio Lower Upper

276 100

138 40.9 24.9 37.3#

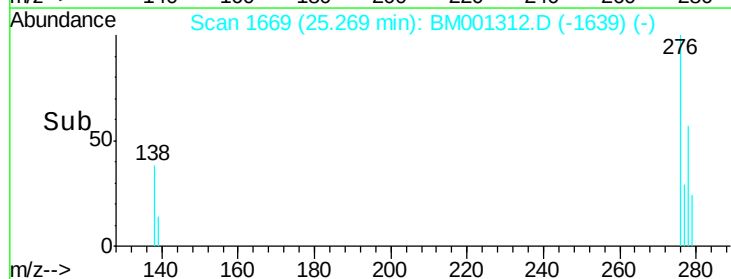
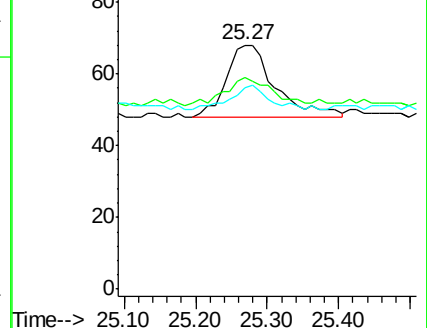
277 28.0 19.5 29.3

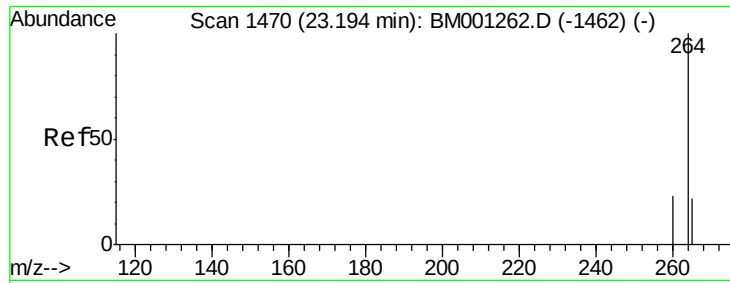


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#30

Perylene-d12

Concen: 5.00 ng

RT: 23.17 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

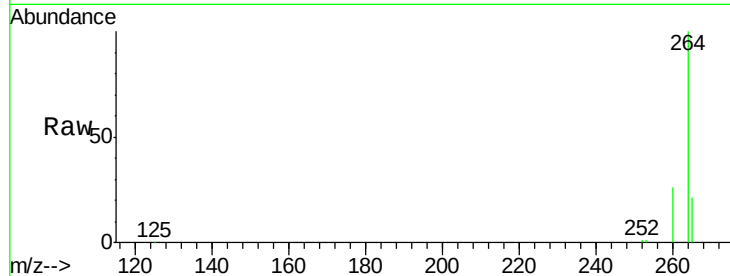
Tgt Ion:264 Resp: 41420

Ion Ratio Lower Upper

264 100

260 26.0 18.9 28.3

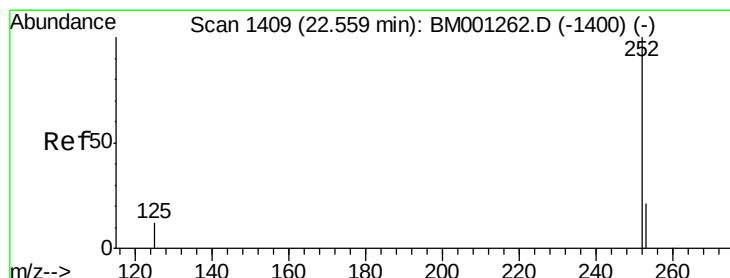
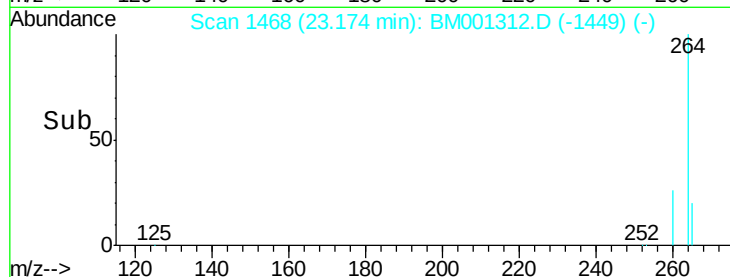
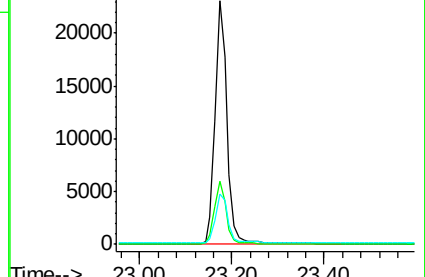
265 20.8 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#31

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.55 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

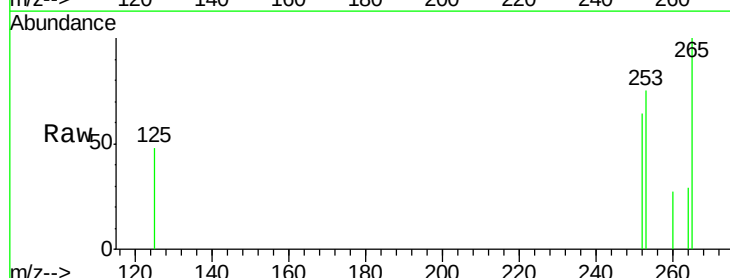
Tgt Ion:252 Resp: 80

Ion Ratio Lower Upper

252 100

253 116.2 17.8 26.6#

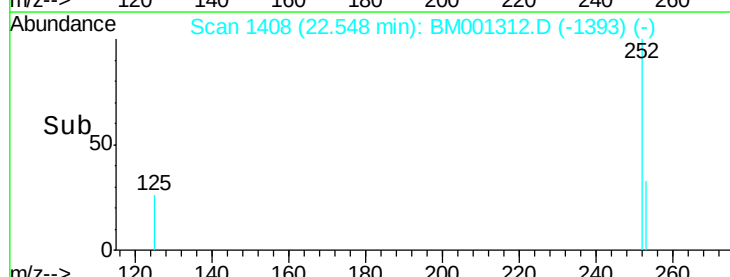
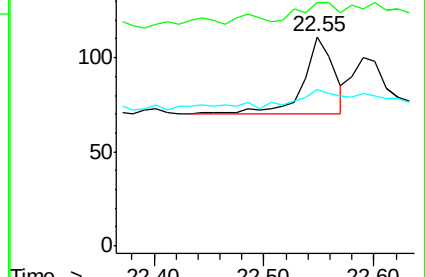
125 74.8 10.4 15.6#

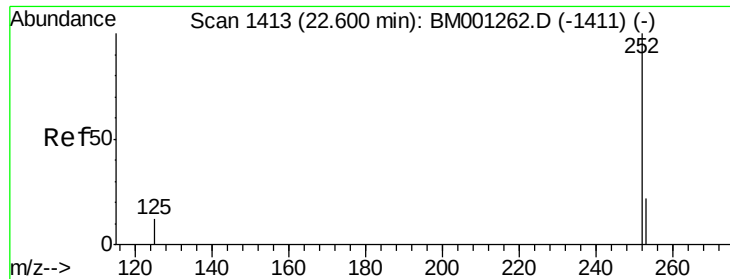


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#32

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.59 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL

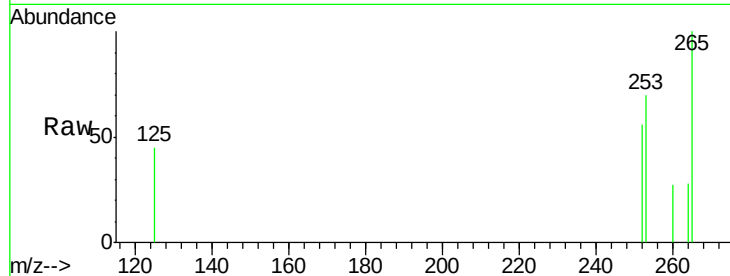
Tgt Ion: 252 Resp: 65

Ion Ratio Lower Upper

252 100

253 126.0 18.6 27.8#

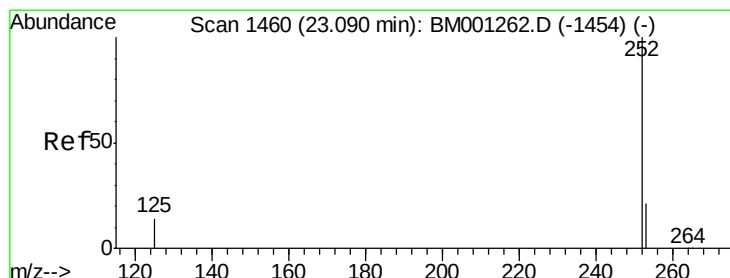
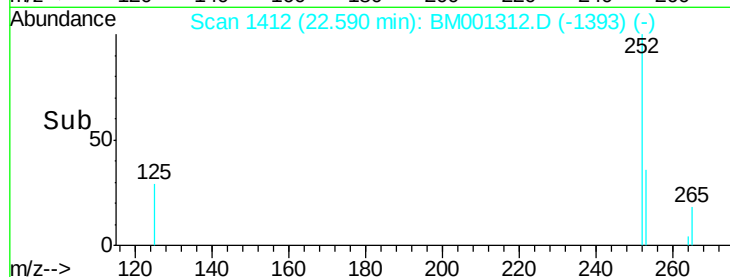
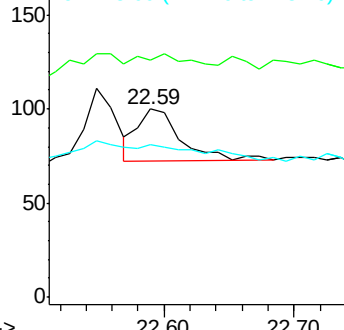
125 81.0 10.2 15.4#



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



#33

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.08 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

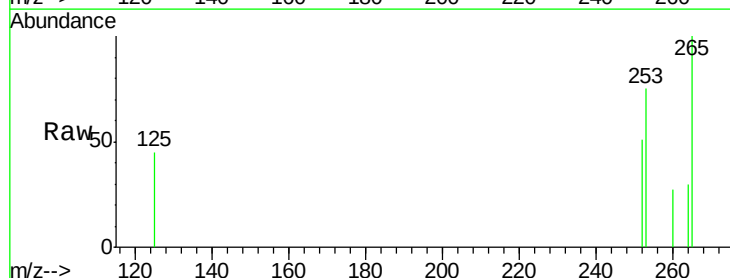
Tgt Ion: 252 Resp: 54

Ion Ratio Lower Upper

252 100

253 145.7 18.3 27.5#

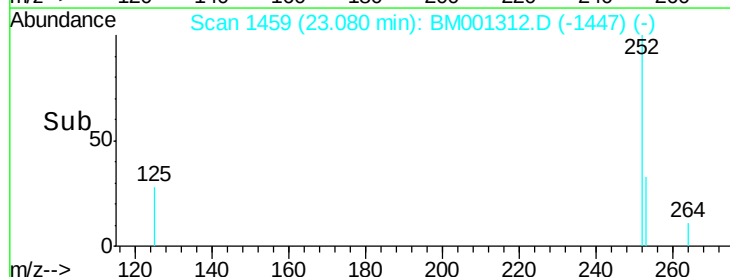
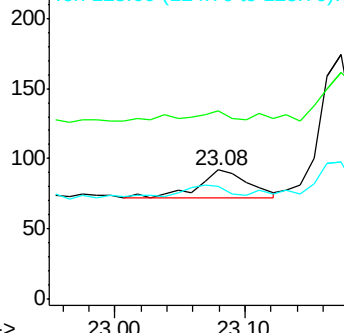
125 87.0 12.2 18.2#

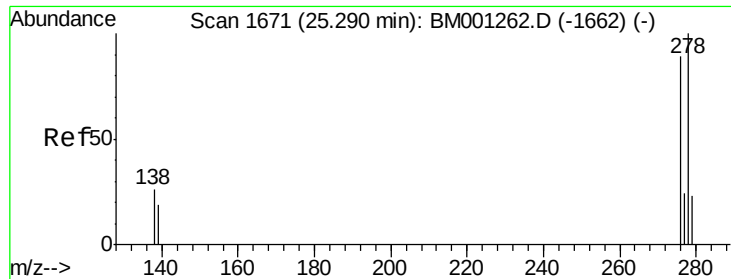


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#34

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 25.29 min Scan# 1671

Delta R.T. 0.02 min

Lab File: BM001312.D

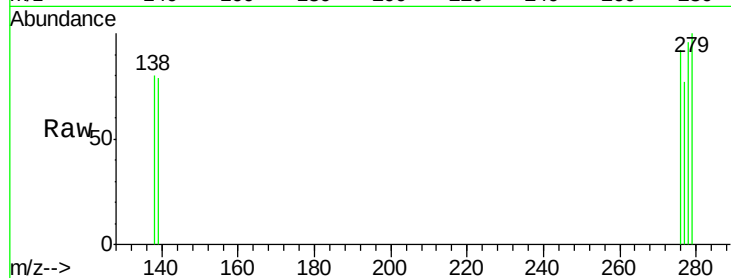
Acq: 15 May 2015 03:19

Instrument :

BNA_M

ClientSampleId :

PB83389BL



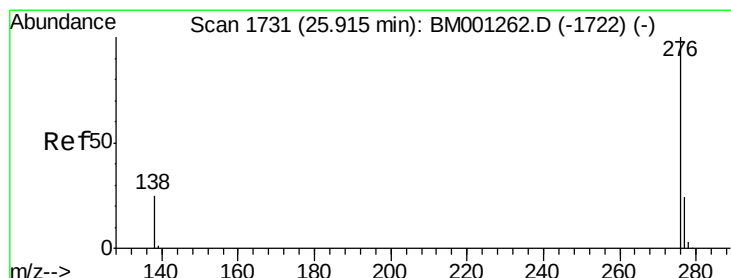
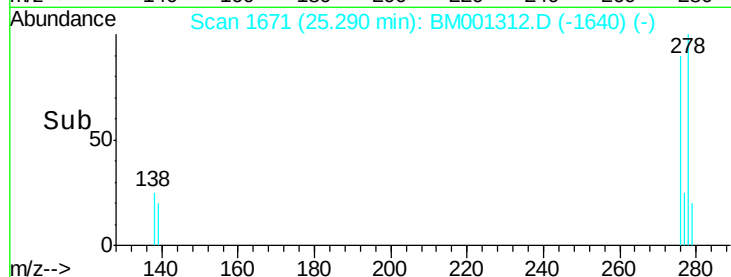
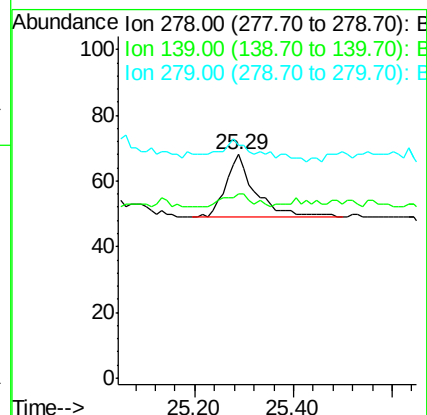
Tgt Ion: 278 Resp: 79

Ion Ratio Lower Upper

278 100

139 82.4 16.6 24.8#

279 104.4 20.0 30.0#



#35

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 25.90 min Scan# 1730

Delta R.T. 0.01 min

Lab File: BM001312.D

Acq: 15 May 2015 03:19

Tgt Ion: 276 Resp: 100

Ion Ratio Lower Upper

276 100

277 80.9 19.9 29.9#

138 83.8 21.0 31.4#

