

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
 Data File : BM001536.D
 Acq On : 03 Jun 2015 06:09
 Operator : TP/IZ
 Sample : G2434-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 052915-P20-F-U-S

Quant Time: Jun 03 07:05:20 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 05:42:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	14324	5.00	ng	0.00
6) Naphthalene-d8	10.49	136	49881	5.00	ng	0.00
12) Acenaphthene-d10	14.36	164	23212	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	71287	5.00	ng	0.00
25) Chrysene-d12	21.28	240	41333	5.00	ng	0.00
32) Perylene-d12	23.53	264	40333	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	15694	5.01	ng	0.00
5) Phenol-d6	6.86	99	14269	3.69	ng	0.00
7) Nitrobenzene-d5	8.87	82	25851	8.31	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	8859	19.86	ng	0.00
14) 2-Fluorobiphenyl	12.98	172	61367	8.80	ng	0.00
27) Terphenyl-d14	19.73	244	52450	10.30	ng	0.00

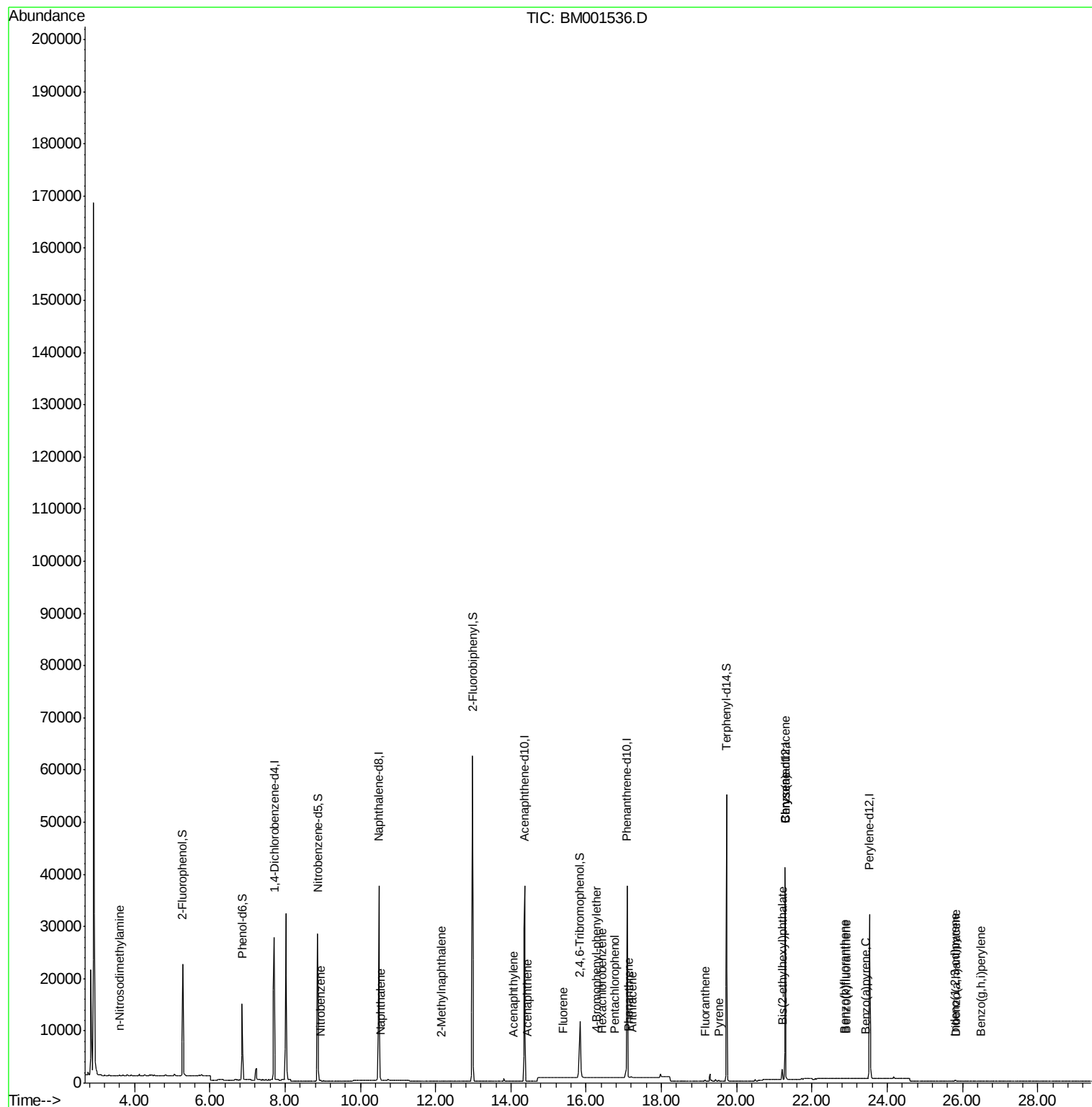
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.60	42	5	0.00	ng	# 10
8) Nitrobenzene	8.94	77	7	0.00	ng	# 15
9) Naphthalene	10.54	128	46	0.00	ng	# 1
11) 2-Methylnaphthalene	12.16	142	26	0.00	ng	# 54
15) Acenaphthylene	14.07	152	16	0.00	ng	# 37
16) Acenaphthene	14.42	154	12	0.00	ng	# 18
17) Fluorene	15.39	166	37	0.00	ng	# 83
19) 4-Bromophenyl-phenylether	16.27	248	4	0.00	ng	# 30
20) Hexachlorobenzene	16.41	284	8	0.00	ng	# 37
21) Pentachlorophenol	16.75	266	14	0.24	ng	# 71
22) Phenanthrene	17.12	178	202	0.02	ng	# 86
23) Anthracene	17.23	178	26	0.00	ng	# 80
24) Fluoranthene	19.16	202	124	0.01	ng	# 21
26) Pyrene	19.53	202	121	0.01	ng	# 89
28) Benzo(a)anthracene	21.28	228	323	0.03	ng	# 62
29) Chrysene	21.28	228	323	0.03	ng	# 74
30) Bis(2-ethylhexyl)phthalate	21.21	149	1858	0.24	ng	# 96
31) Indeno(1,2,3-cd)pyrene	25.79	276	154	0.01	ng	# 86
33) Benzo(b)fluoranthene	22.85	252	148	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.90	252	111	0.01	ng	# 1
35) Benzo(a)pyrene	23.43	252	58	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.82	278	113	0.01	ng	# 1
37) Benzo(g,h,i)perylene	26.48	276	129	0.01	ng	# 1

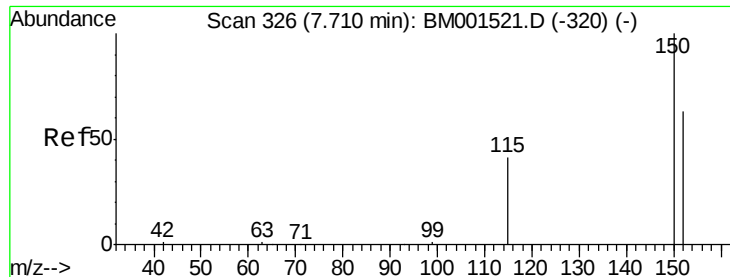
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.71 min Scan# 326

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

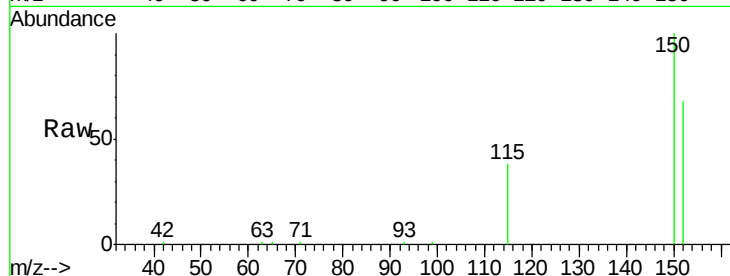
Tgt Ion:152 Resp: 14324

Ion Ratio Lower Upper

152 100

150 146.5 119.0 178.6

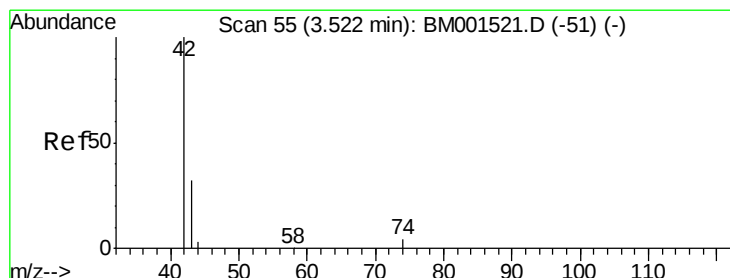
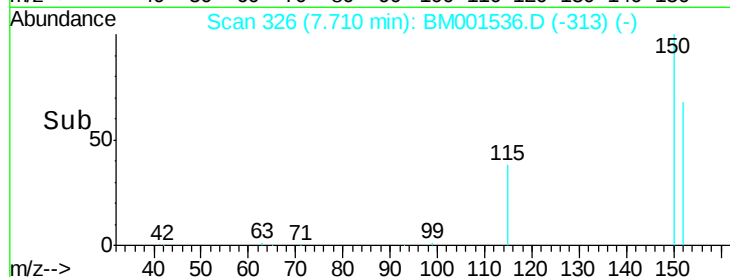
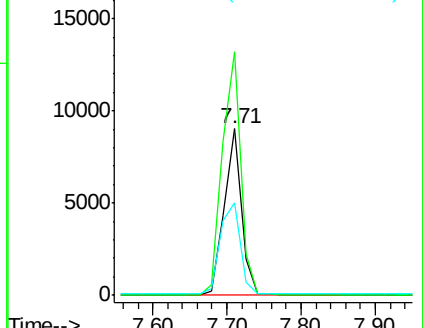
115 55.9 41.8 62.8



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



#3

n-Nitrosodimethylamine

Concen: 0.00 ng

RT: 3.60 min Scan# 60

Delta R.T. 0.08 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

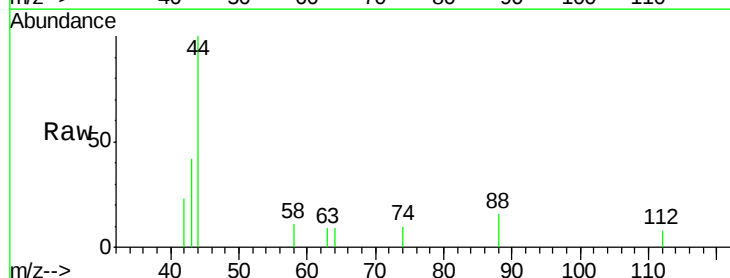
Tgt Ion: 42 Resp: 5

Ion Ratio Lower Upper

42 100

74 0.0 72.2 108.2#

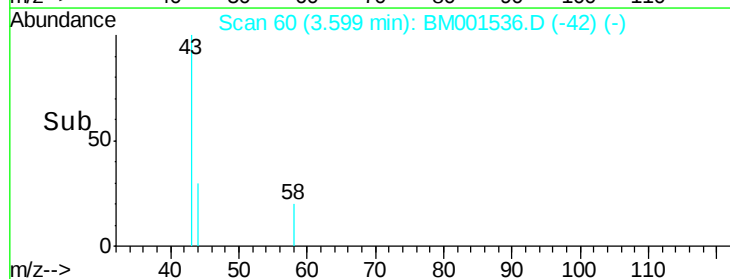
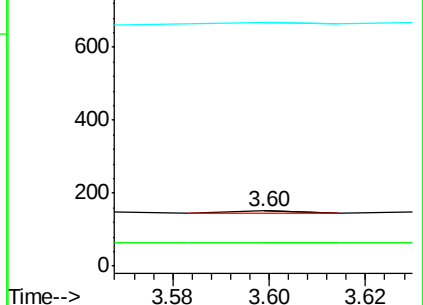
44 0.0 6.2 9.2#

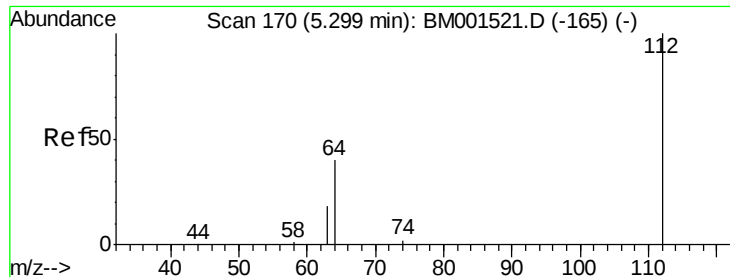


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 5.01 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

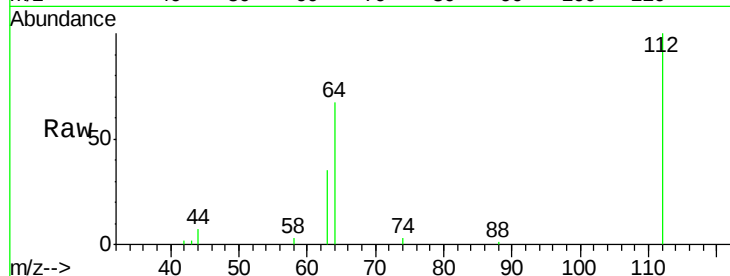
Tgt Ion: 112 Resp: 15694

Ion Ratio Lower Upper

112 100

64 66.1 51.7 77.5

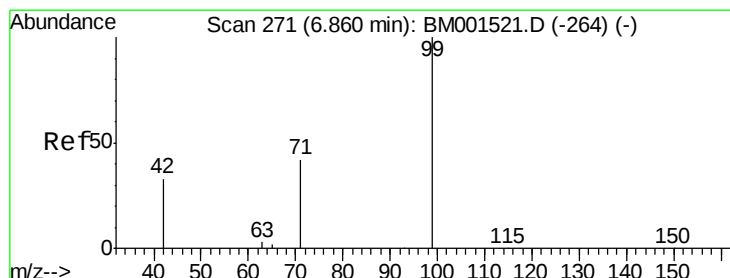
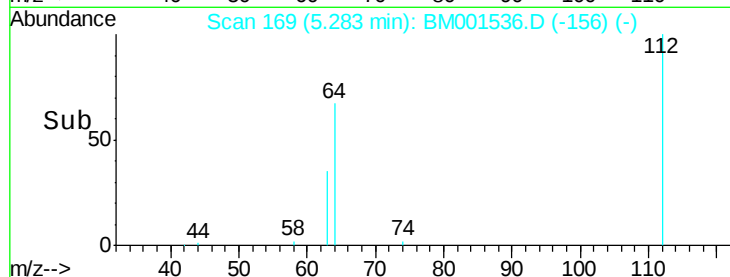
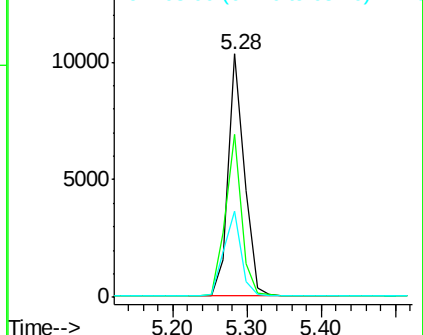
63 36.9 29.7 44.5



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: 3.69 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

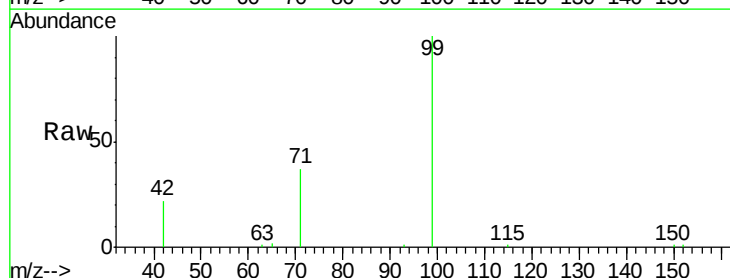
Tgt Ion: 99 Resp: 14269

Ion Ratio Lower Upper

99 100

42 25.0 21.8 32.6

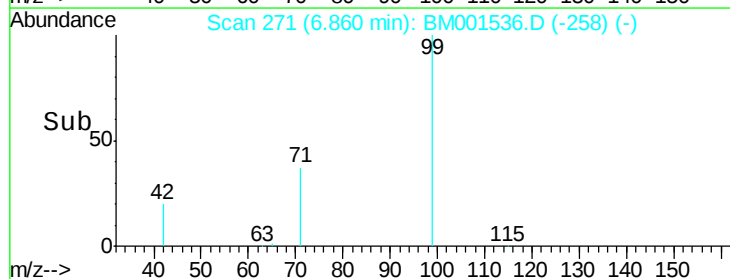
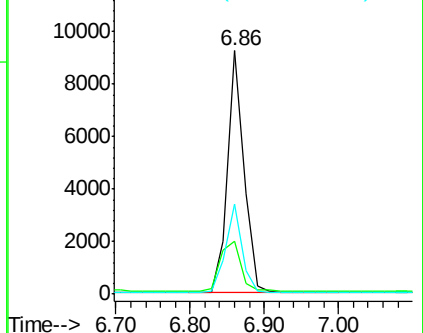
71 36.2 29.2 43.8

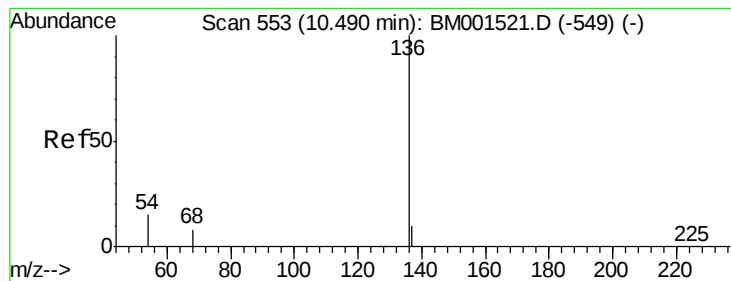


Abundance Ion 99.00 (98.70 to 99.70): BM

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: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

Tgt Ion: 136 Resp: 49881

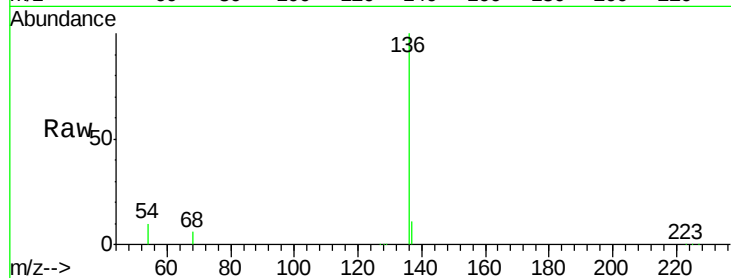
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 9.8 4.3 6.5#

68 5.9 2.6 4.0#

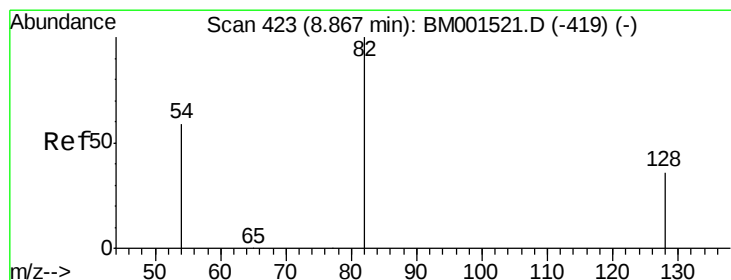
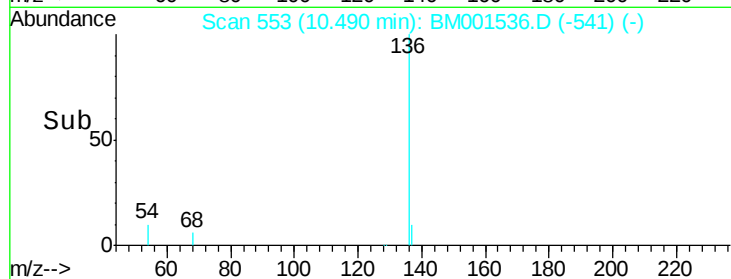
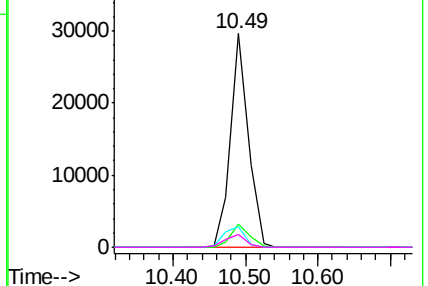


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.31 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

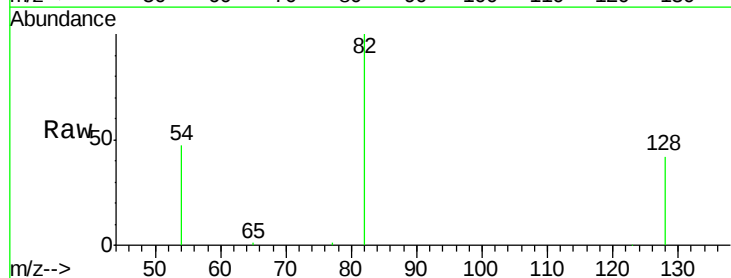
Tgt Ion: 82 Resp: 25851

Ion Ratio Lower Upper

82 100

128 42.4 30.2 45.4

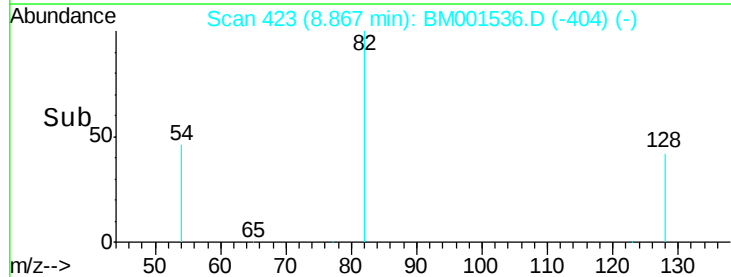
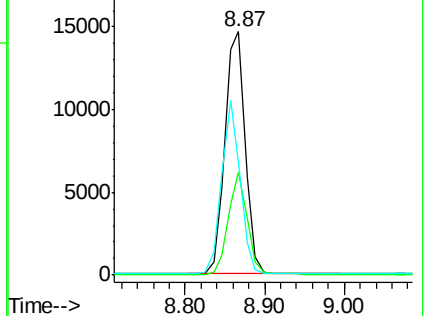
54 46.6 52.9 79.3#

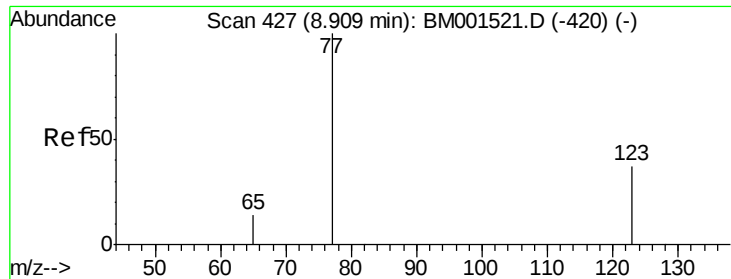


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.00 ng

RT: 8.94 min Scan# 430

Delta R.T. 0.03 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

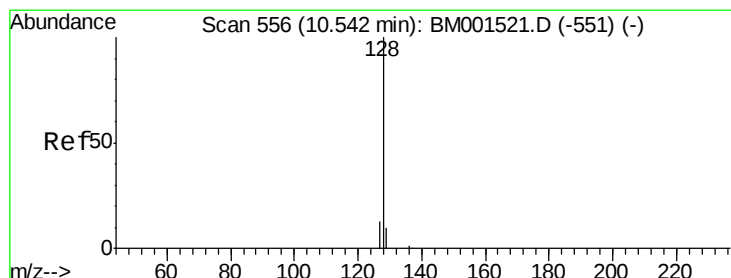
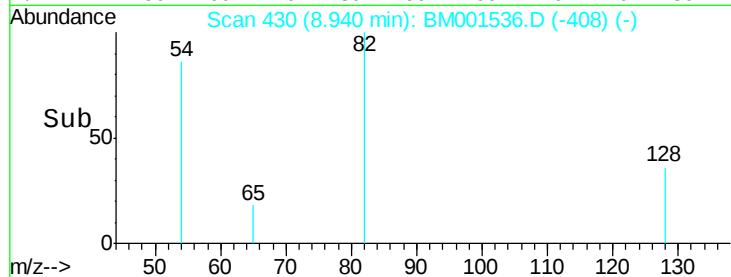
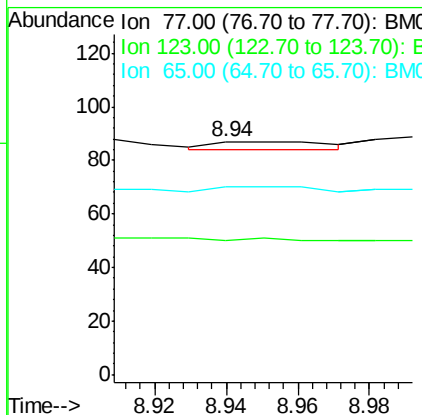
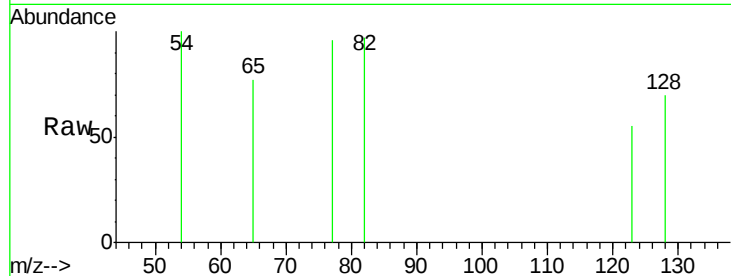
Instrument :

BNA_M

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052915-P20-F-U-S

Tgt Ion:	77	Resp:	7
Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.7	50.5#
65	71.4	11.3	16.9#



#9

Naphthalene

Concen: 0.00 ng

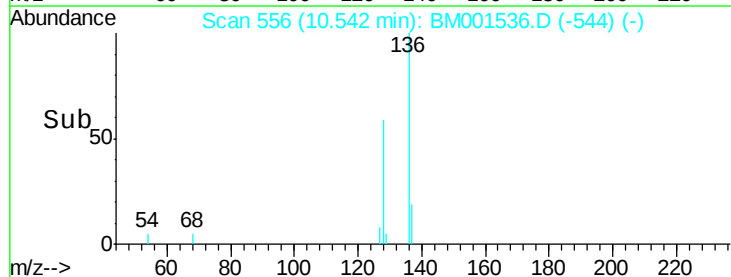
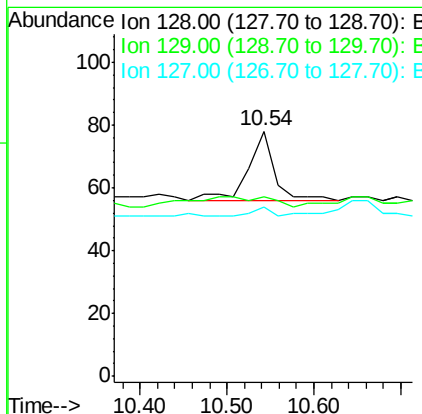
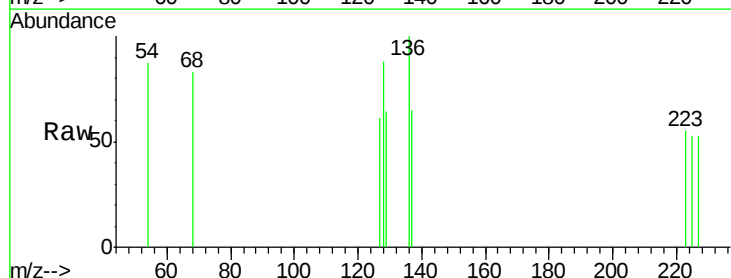
RT: 10.54 min Scan# 556

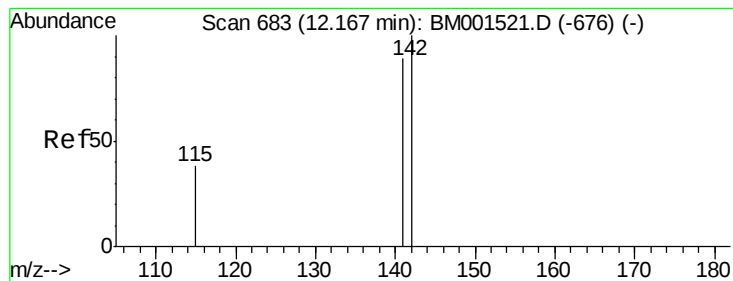
Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Tgt Ion:	128	Resp:	46
Ion	Ratio	Lower	Upper
128	100		
129	73.1	8.6	13.0#
127	69.2	11.7	17.5#





#11

2-Methylnaphthalene

Concen: 0.00 ng

RT: 12.16 min Scan# 682

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

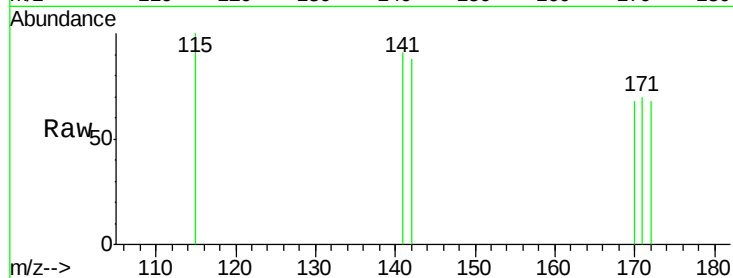
Tgt Ion:142 Resp: 26

Ion Ratio Lower Upper

142 100

141 103.3 72.6 109.0

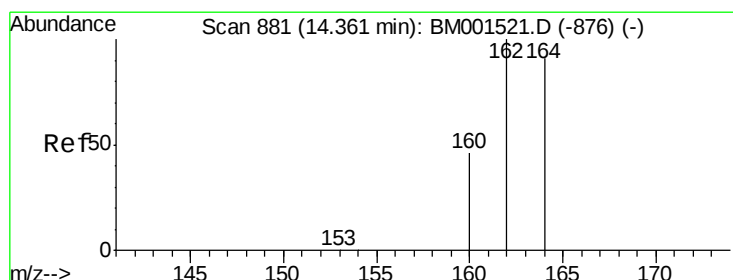
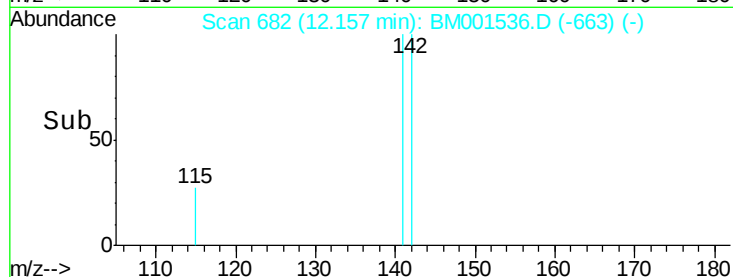
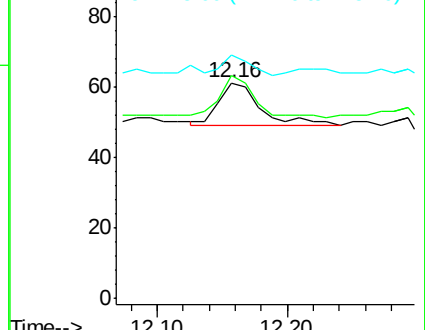
115 113.1 31.2 46.8#



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: 14.36 min Scan# 881

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

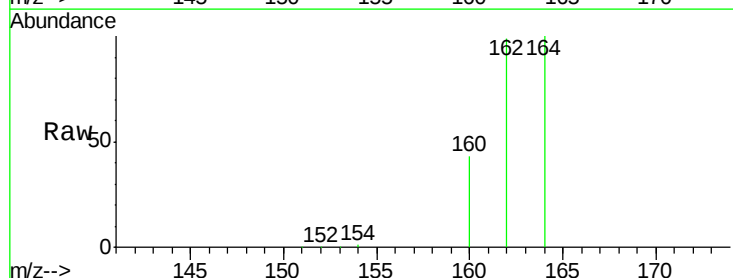
Tgt Ion:164 Resp: 23212

Ion Ratio Lower Upper

164 100

162 99.2 83.4 125.2

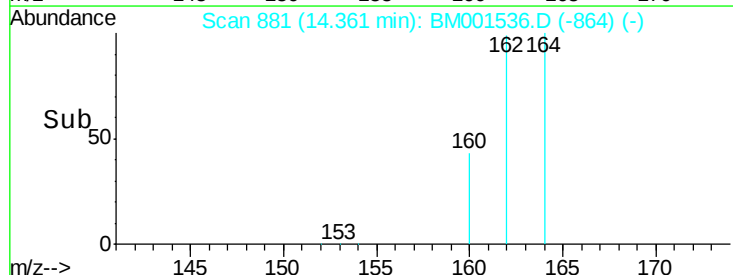
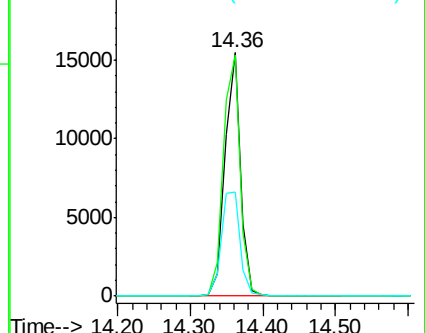
160 42.9 36.9 55.3

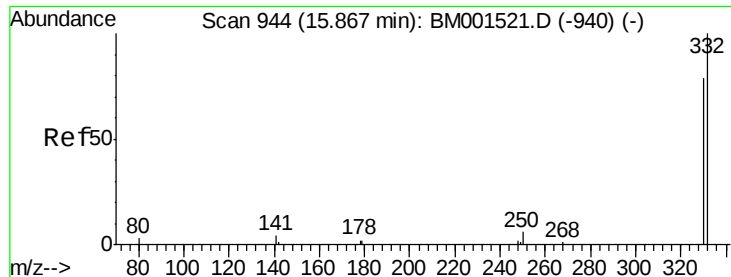


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

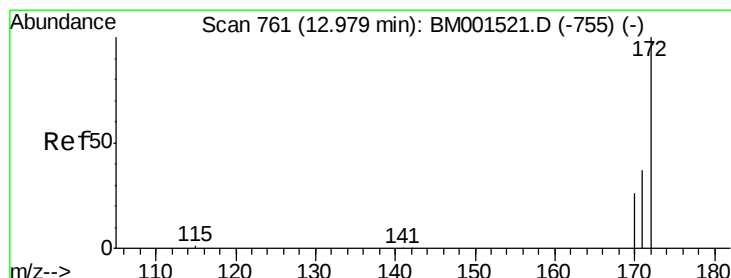
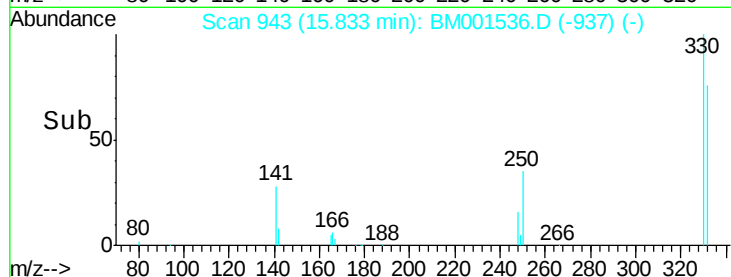
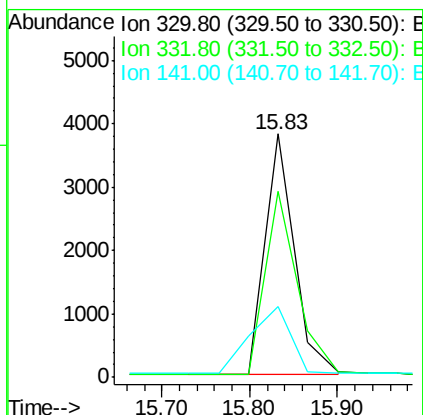
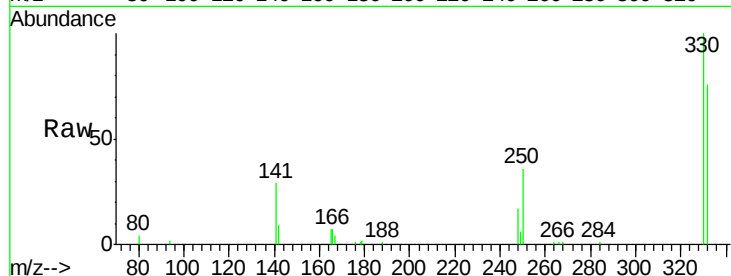




#13
 2,4,6-Tribromophenol
 Concen: 19.86 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001536.D
 Acq: 03 Jun 2015 06:09

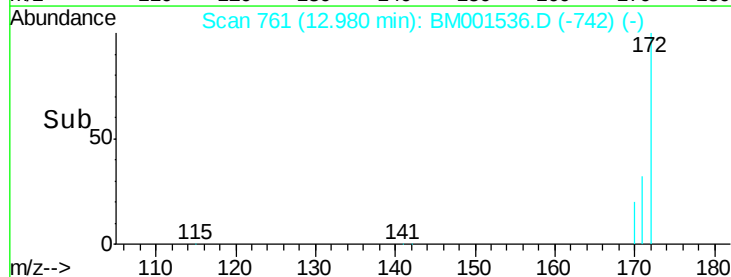
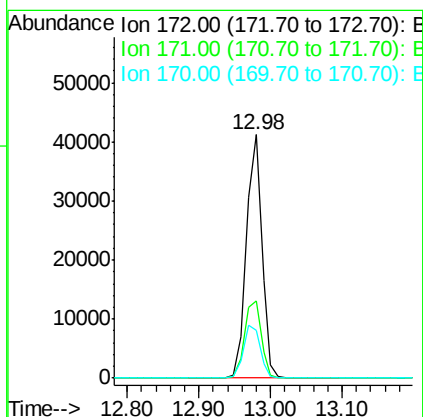
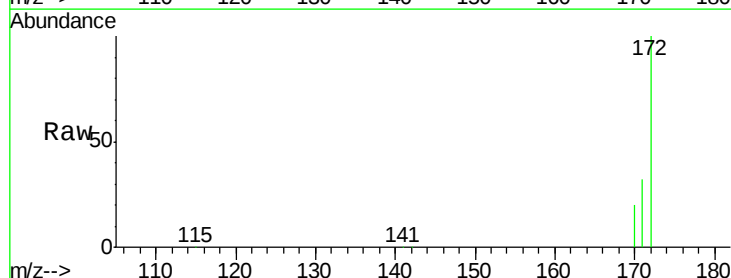
Instrument :
 BNA_M
 ClientSampleId :
 052915-P20-F-U-S

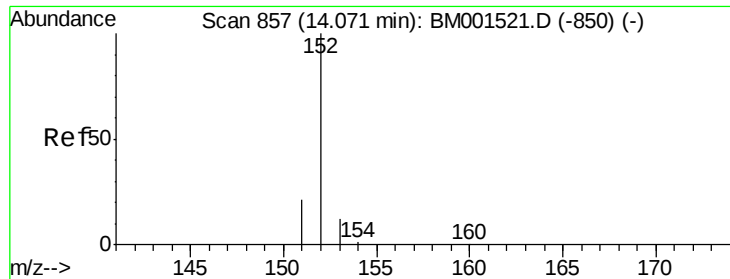
Tgt Ion:330 Resp: 8859
 Ion Ratio Lower Upper
 330 100
 332 83.4 90.3 135.5#
 141 38.9 0.0 0.0#



#14
 2-Fluorobiphenyl
 Concen: 8.80 ng
 RT: 12.98 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BM001536.D
 Acq: 03 Jun 2015 06:09

Tgt Ion:172 Resp: 61367
 Ion Ratio Lower Upper
 172 100
 171 31.7 29.4 44.0
 170 19.7 20.2 30.4#

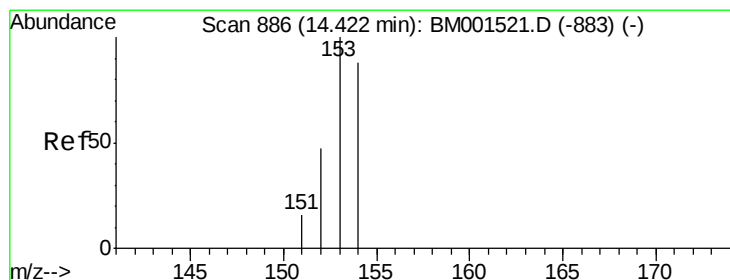
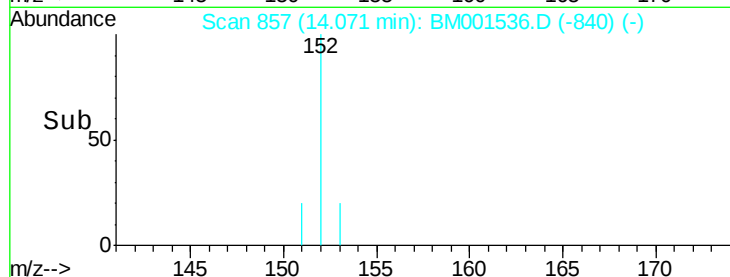
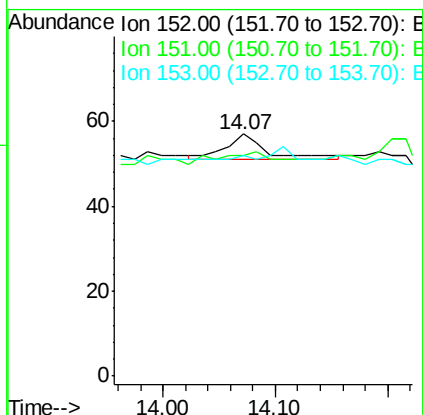
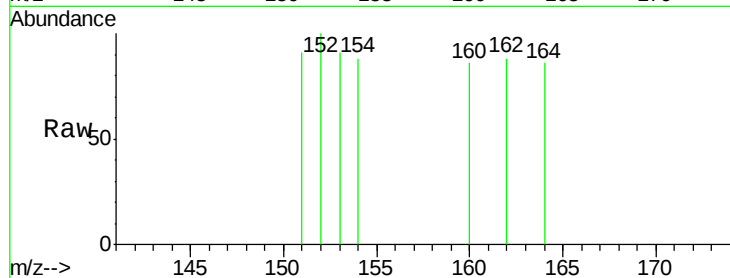




#15
Acenaphthylene
Concen: 0.00 ng
RT: 14.07 min Scan# 857
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

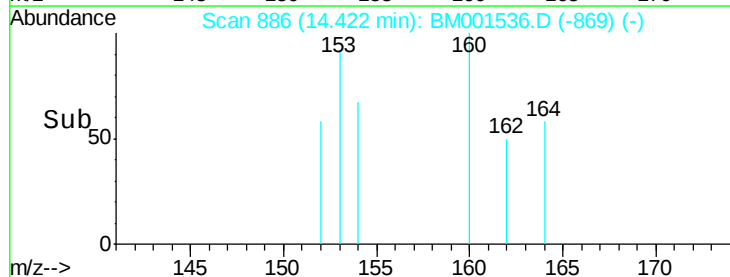
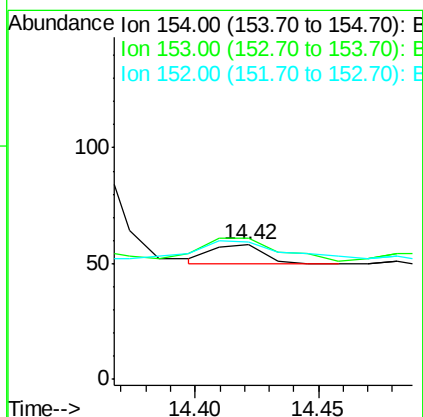
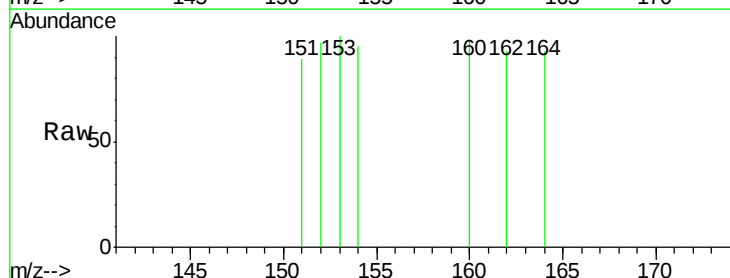
Instrument :
BNA_M
ClientSampleId :
052915-P20-F-U-S

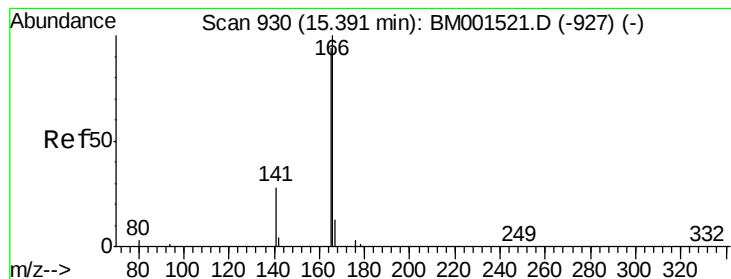
Tgt Ion:152 Resp: 16
Ion Ratio Lower Upper
152 100
151 56.3 15.1 22.7#
153 0.0 10.2 15.4#



#16
Acenaphthene
Concen: 0.00 ng
RT: 14.42 min Scan# 886
Delta R.T. 0.00 min
Lab File: BM001536.D
Acq: 03 Jun 2015 06:09

Tgt Ion:154 Resp: 12
Ion Ratio Lower Upper
154 100
153 183.3 91.4 137.2#
152 141.7 44.0 66.0#





#17

Fluorene

Concen: 0.00 ng

RT: 15.39 min Scan# 930

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

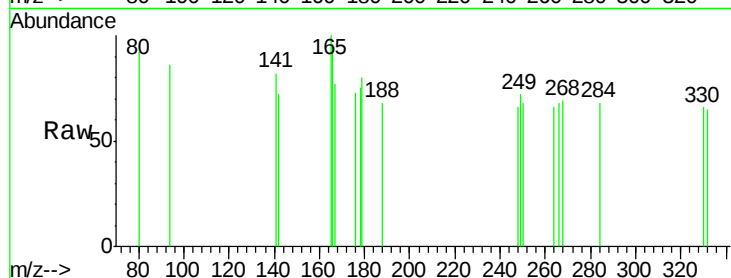
Tgt Ion:166 Resp: 37

Ion Ratio Lower Upper

166 100

165 78.4 72.6 108.8

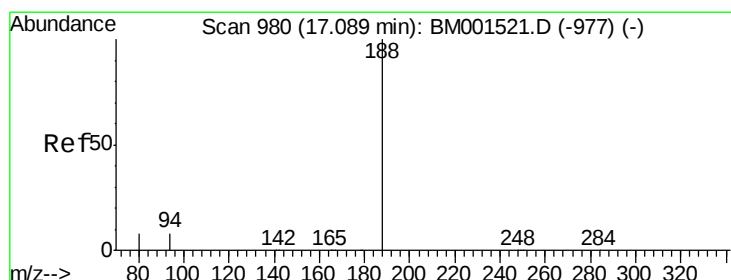
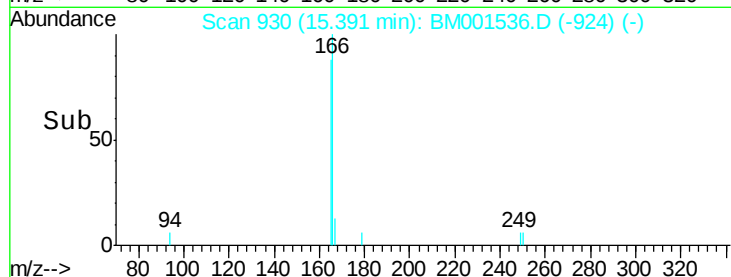
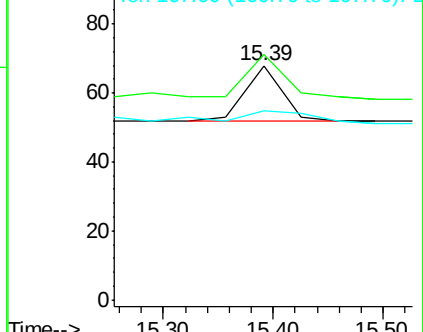
167 32.4 10.9 16.3#



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: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

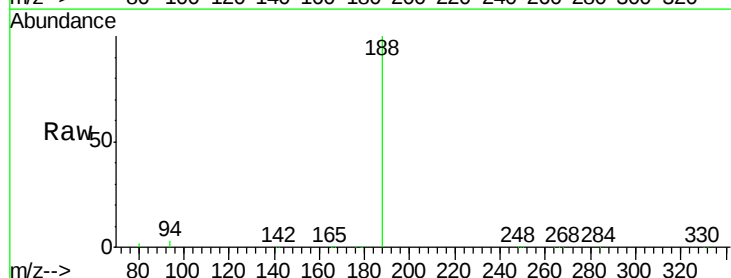
Tgt Ion:188 Resp: 71287

Ion Ratio Lower Upper

188 100

94 2.9 3.0 4.4#

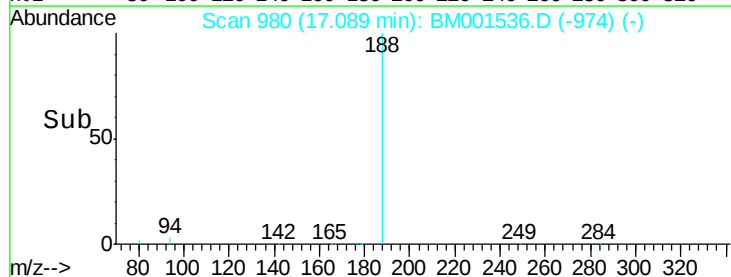
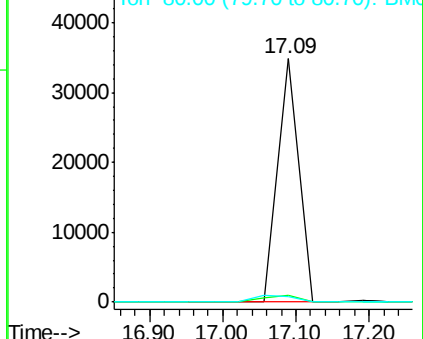
80 2.5 2.5 3.7

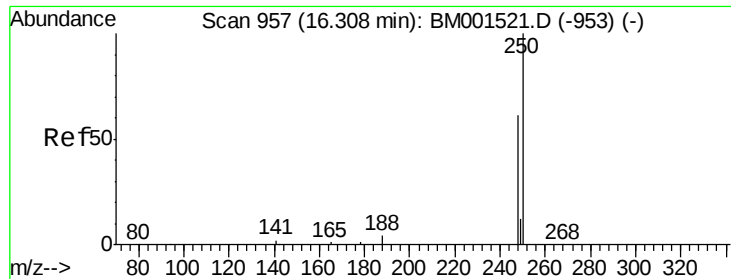


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.27 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

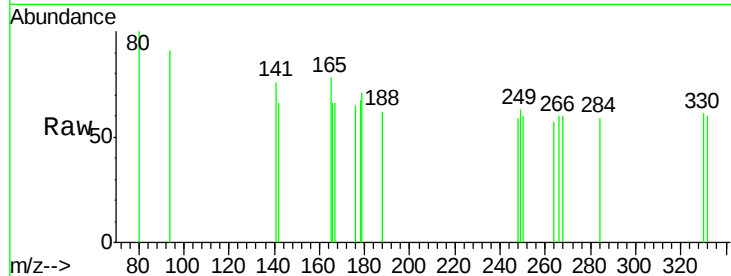
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 0.0 76.8 115.2#

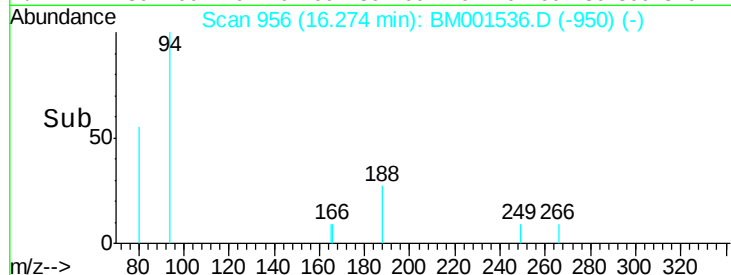
141 100.0 57.7 86.5#



Abundance Ion 248.00 (247.70 to 248.70): E

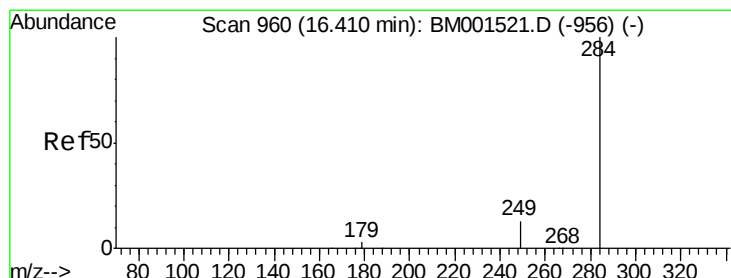
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



16.27

Time--> 16.20 16.25 16.30 16.35



#20

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.41 min Scan# 960

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

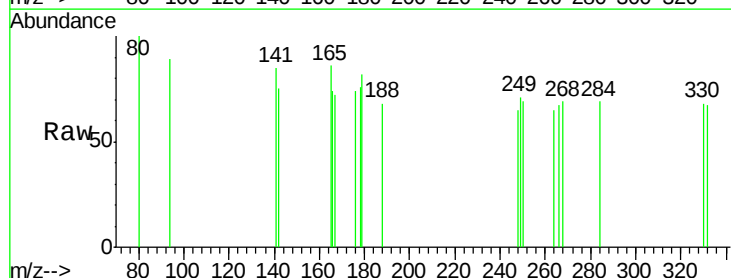
Tgt Ion:284 Resp: 8

Ion Ratio Lower Upper

284 100

142 0.0 13.9 20.9#

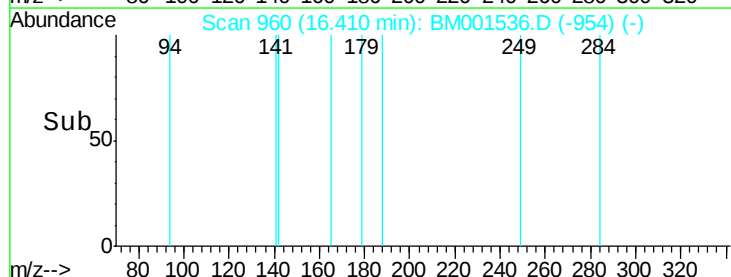
249 0.0 39.0 58.4#



Abundance Ion 283.80 (283.50 to 284.50): E

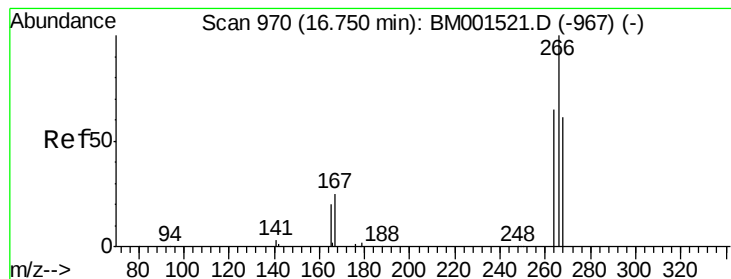
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



16.41

Time--> 16.30 16.40



#21

Pentachlorophenol

Concen: 0.24 ng

RT: 16.75 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

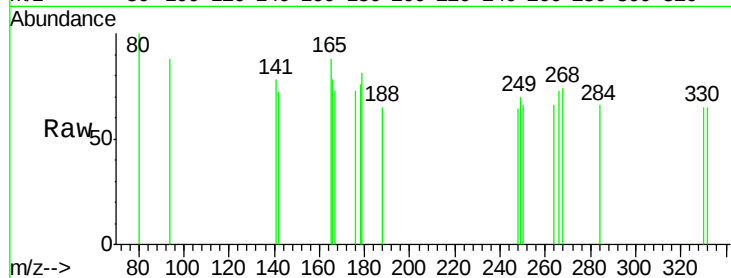
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

268 101.9 63.0 94.4#

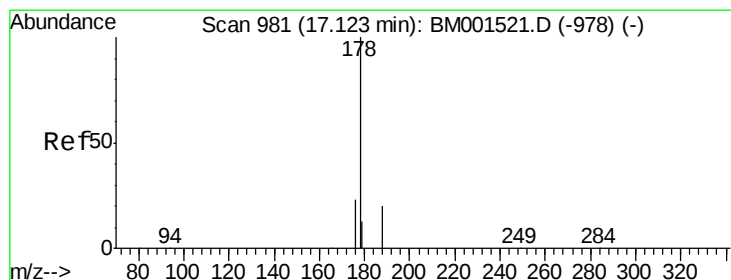
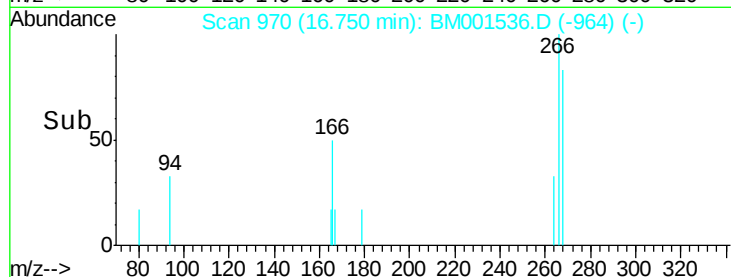
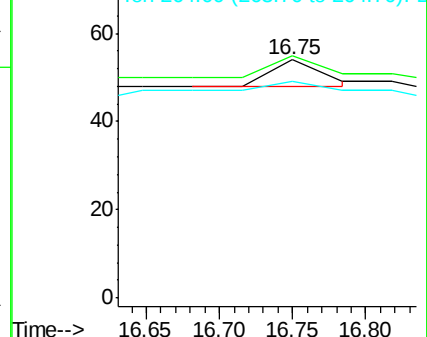
264 90.7 52.8 79.2#



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: 0.02 ng

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

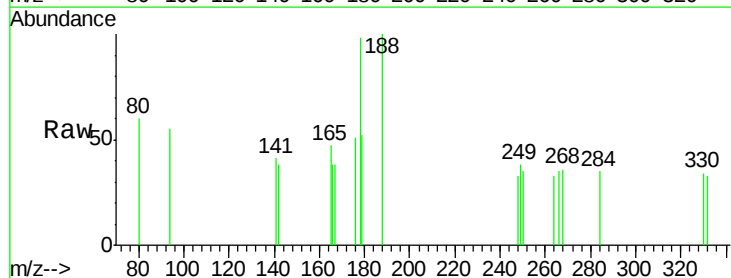
Tgt Ion:178 Resp: 202

Ion Ratio Lower Upper

178 100

176 20.3 16.8 25.2

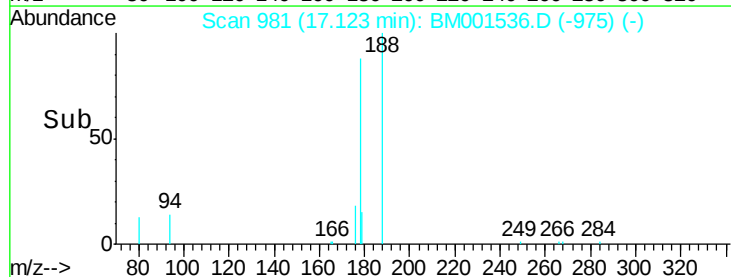
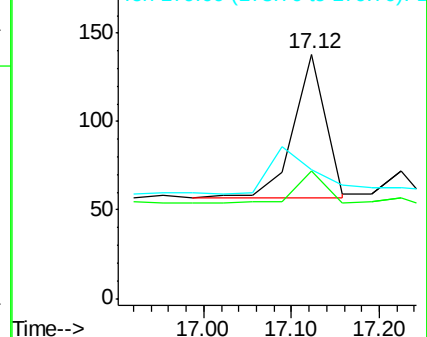
179 0.0 11.0 16.4#

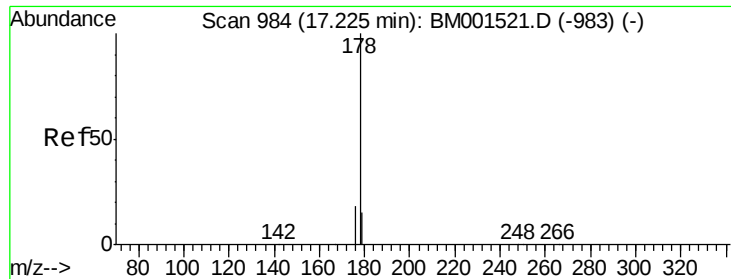


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.00 ng

RT: 17.23 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

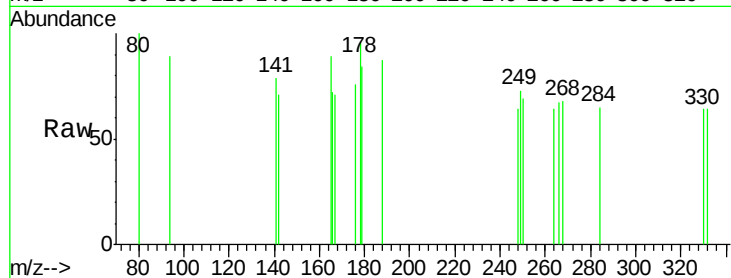
Tgt Ion:178 Resp: 26

Ion Ratio Lower Upper

178 100

176 15.4 13.1 19.7

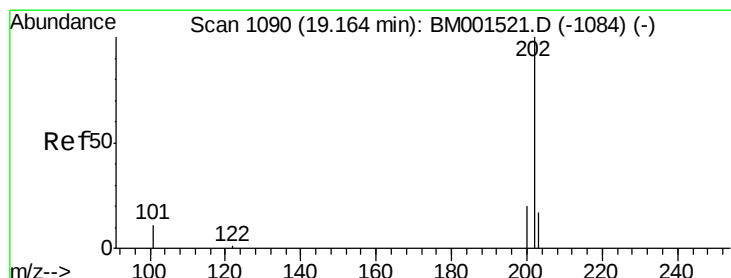
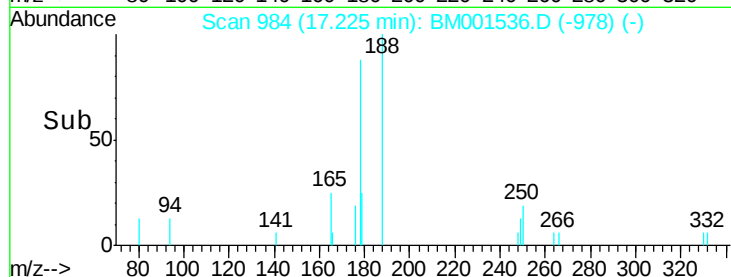
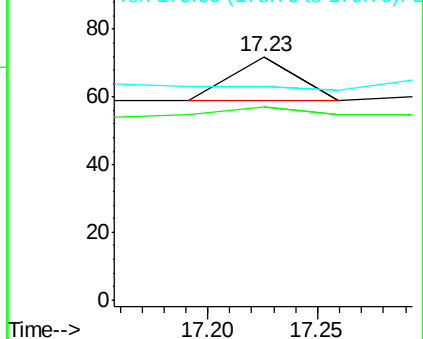
179 0.0 12.8 19.2#



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: 0.01 ng

RT: 19.16 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

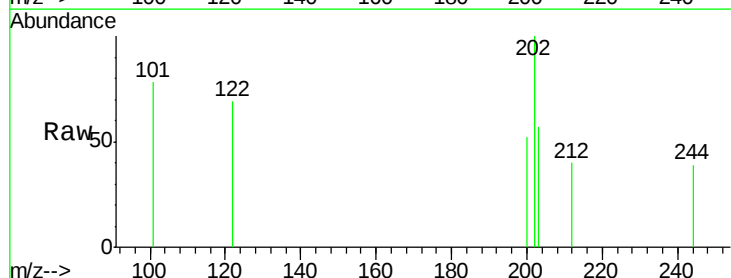
Tgt Ion:202 Resp: 124

Ion Ratio Lower Upper

202 100

101 80.6 8.6 12.8#

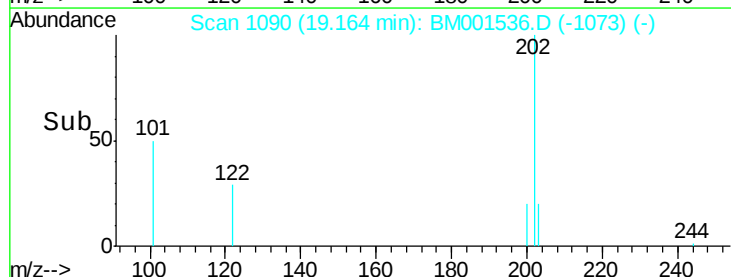
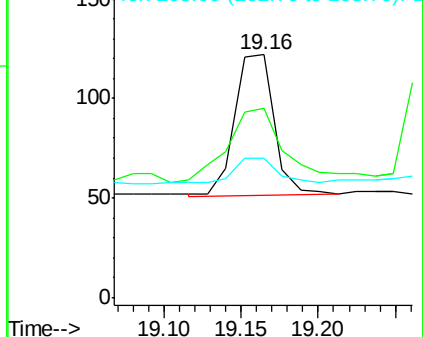
203 22.6 13.8 20.6#

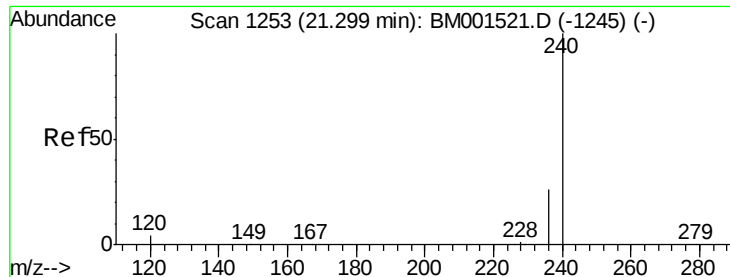


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

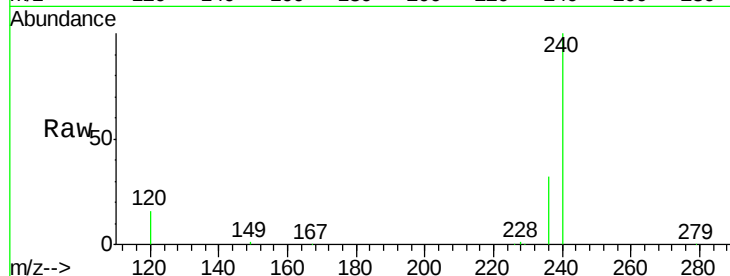
Tgt Ion:240 Resp: 41333

Ion Ratio Lower Upper

240 100

120 16.1 9.7 14.5#

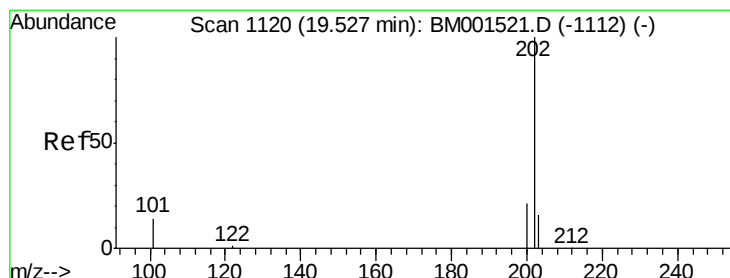
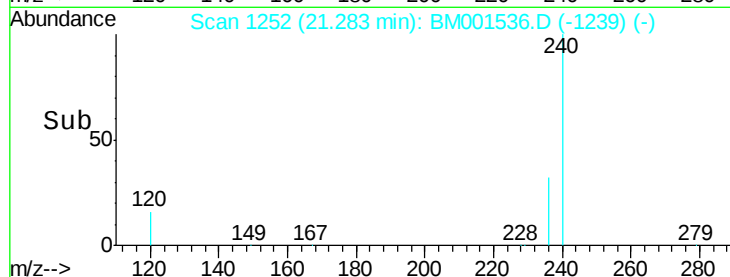
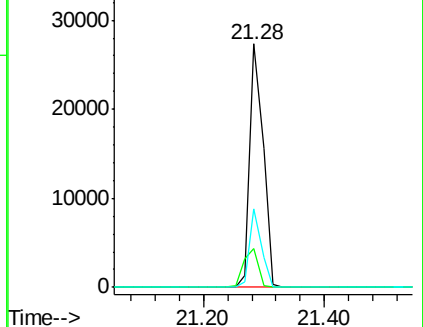
236 32.3 24.8 37.2



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: 0.01 ng

RT: 19.53 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

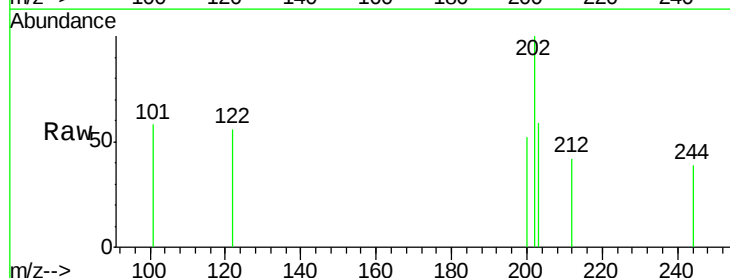
Tgt Ion:202 Resp: 121

Ion Ratio Lower Upper

202 100

200 24.0 16.4 24.6

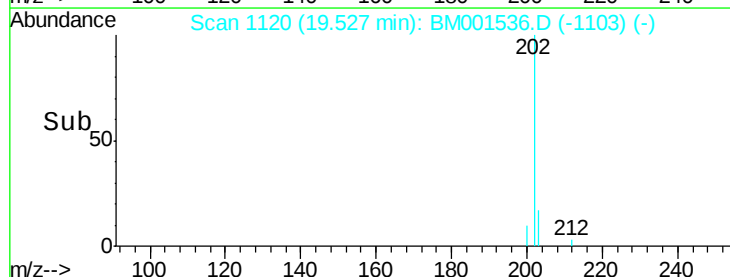
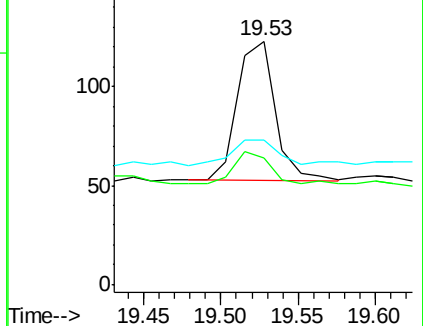
203 24.0 13.9 20.9#

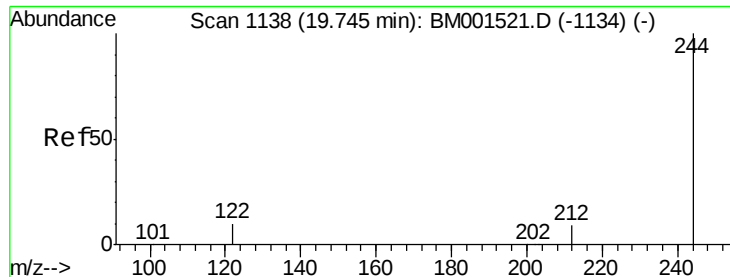


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 10.30 ng

RT: 19.73 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

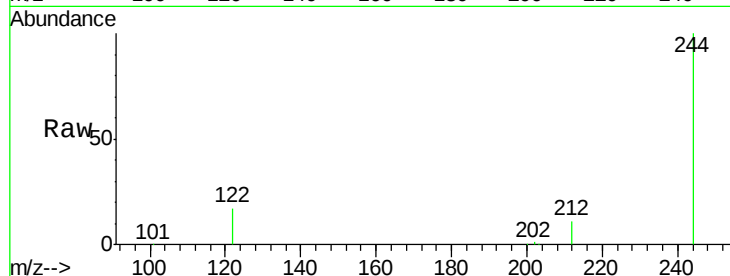
Tgt Ion:244 Resp: 52450

Ion Ratio Lower Upper

244 100

212 11.1 7.2 10.8#

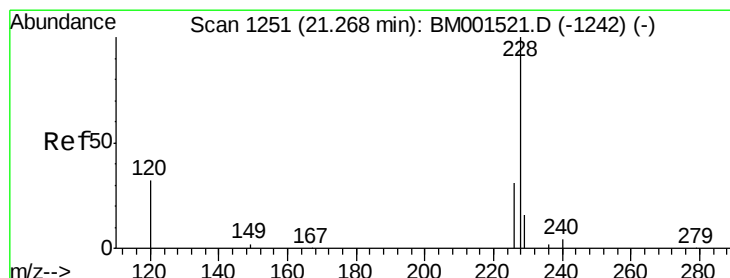
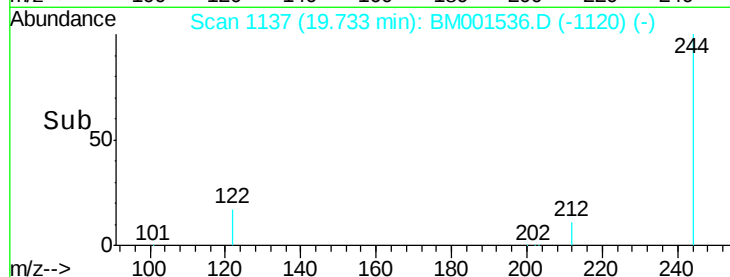
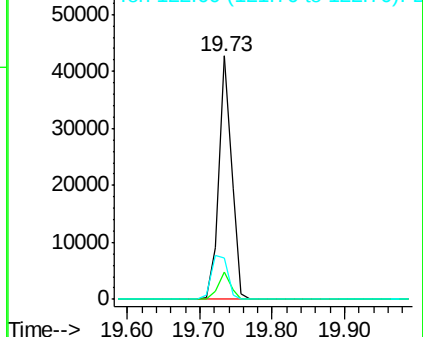
122 16.8 5.1 7.7#



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: 0.03 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.02 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

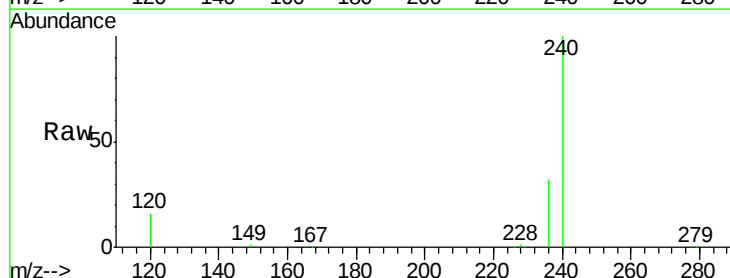
Tgt Ion:228 Resp: 323

Ion Ratio Lower Upper

228 100

226 35.8 21.9 32.9#

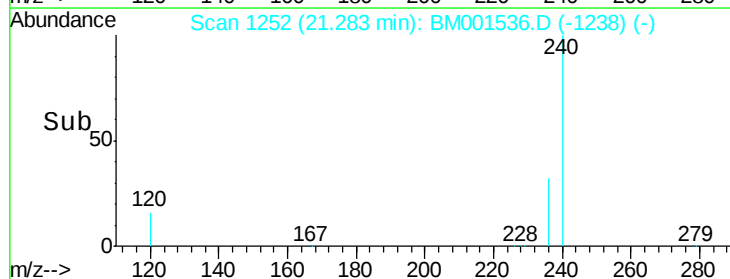
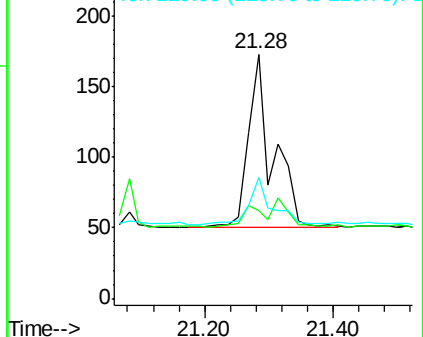
229 49.7 15.1 22.7#

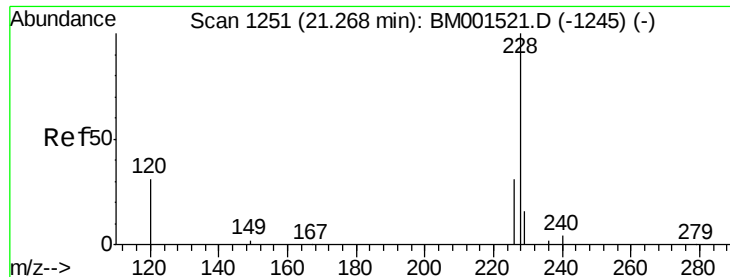


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.03 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.03 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

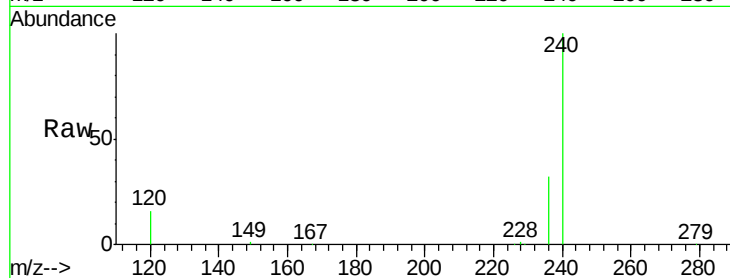
Tgt Ion:228 Resp: 323

Ion Ratio Lower Upper

228 100

226 35.8 27.6 41.4

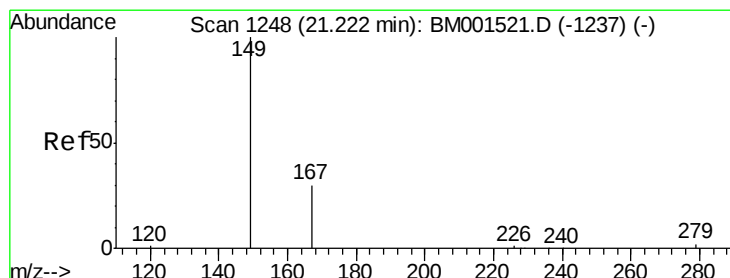
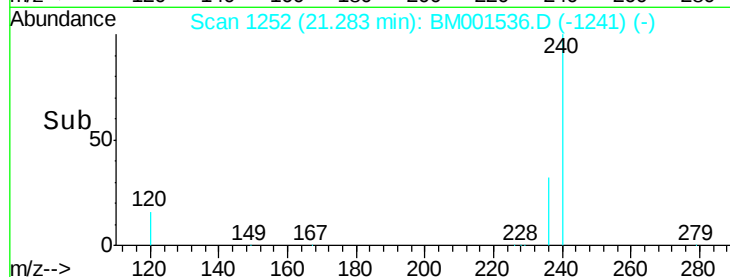
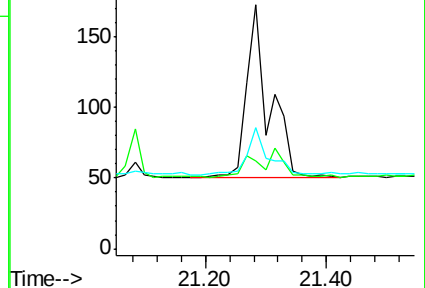
229 49.7 13.6 20.4#



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: 0.24 ng

RT: 21.21 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

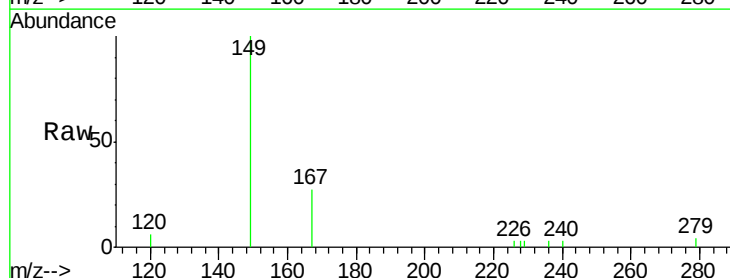
Tgt Ion:149 Resp: 1858

Ion Ratio Lower Upper

149 100

167 23.8 21.0 31.6

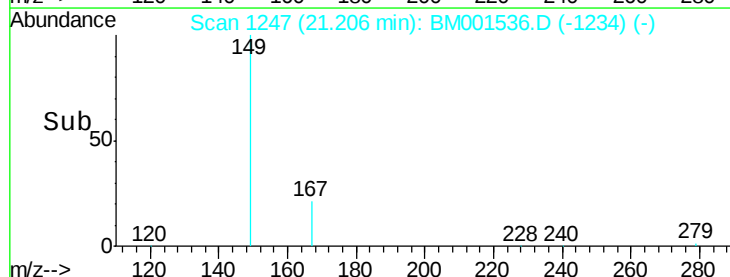
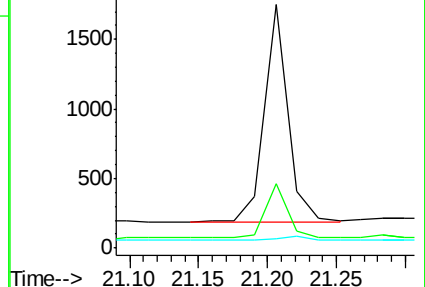
279 2.4 2.2 3.2

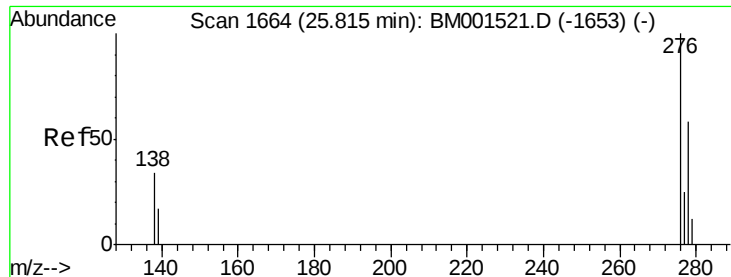


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.01 ng

RT: 25.79 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

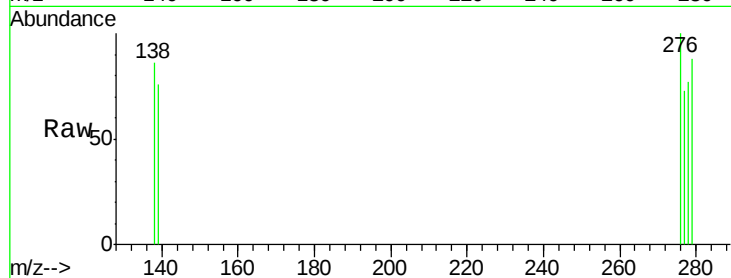
Tgt Ion:276 Resp: 154

Ion Ratio Lower Upper

276 100

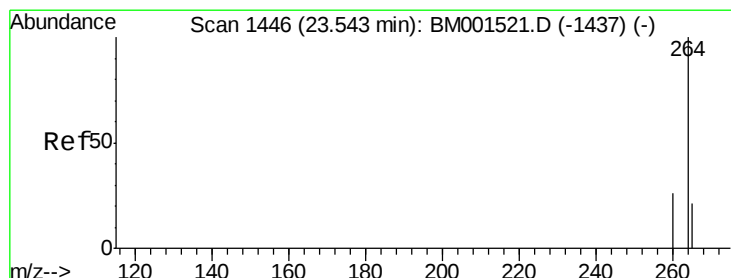
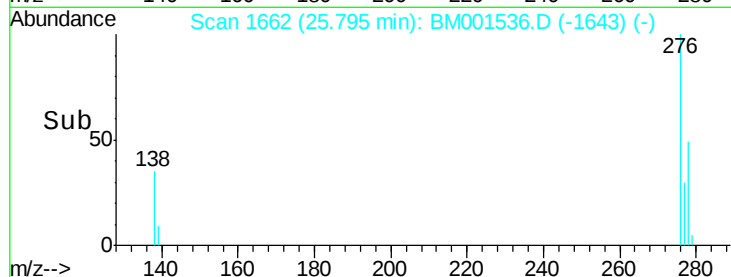
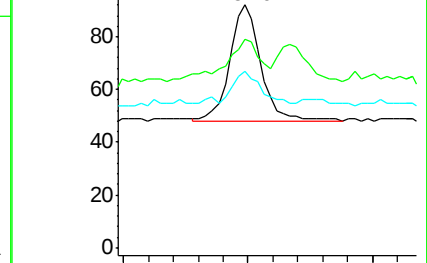
138 41.6 23.4 35.0#

277 26.0 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

25.79



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.53 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

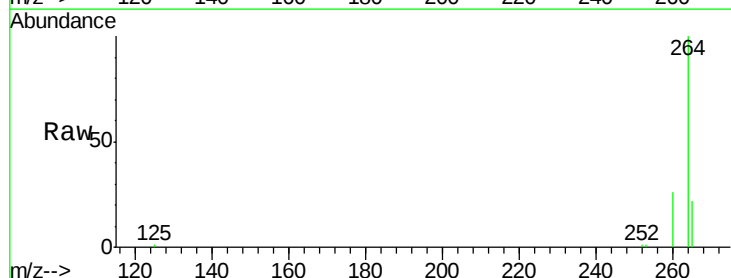
Tgt Ion:264 Resp: 40333

Ion Ratio Lower Upper

264 100

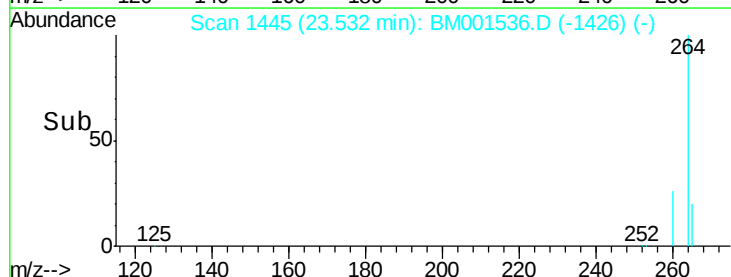
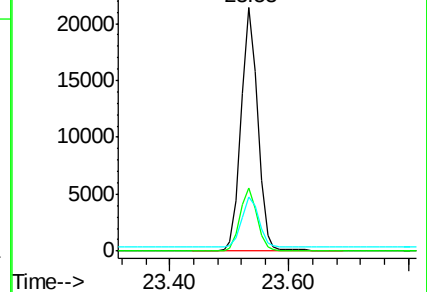
260 26.1 20.1 30.1

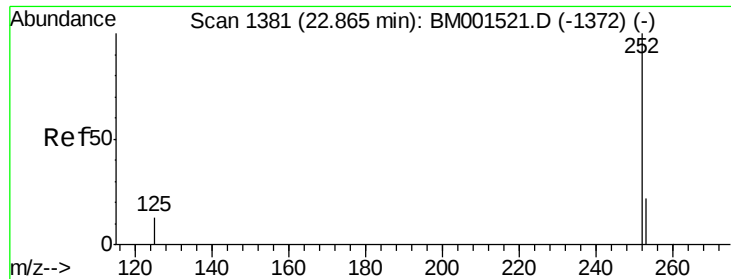
265 22.2 17.1 25.7



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

23.53





#33

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.85 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

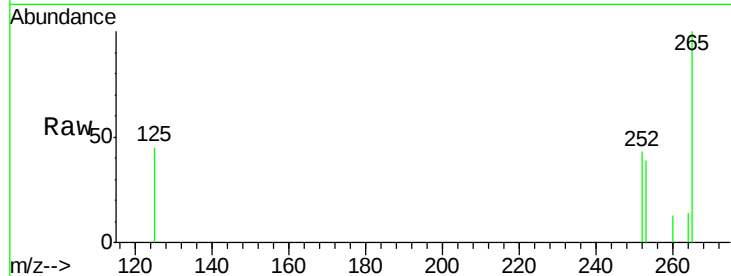
Tgt Ion:252 Resp: 148

Ion Ratio Lower Upper

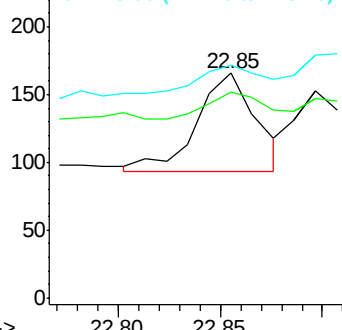
252 100

253 91.6 17.4 26.0#

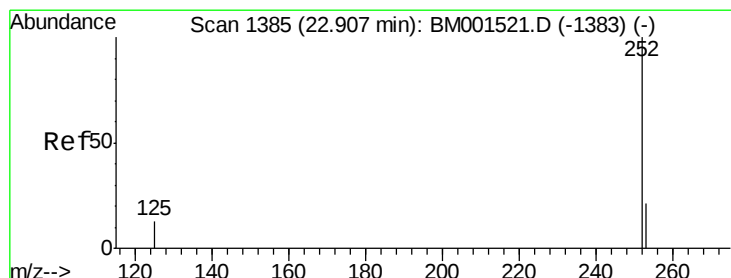
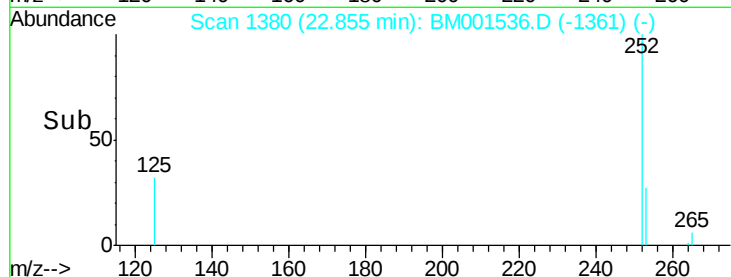
125 103.6 10.2 15.4#



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



Time-->



#34

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.90 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

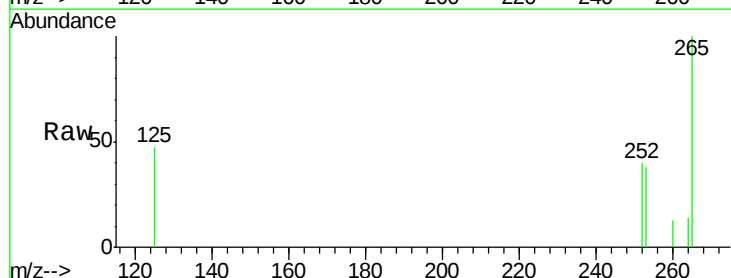
Tgt Ion:252 Resp: 111

Ion Ratio Lower Upper

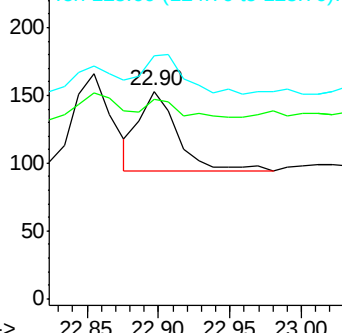
252 100

253 96.1 17.6 26.4#

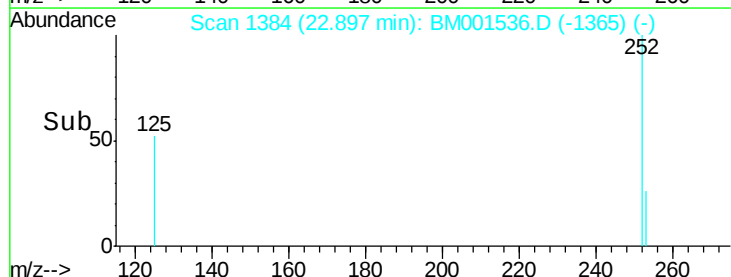
125 117.0 9.7 14.5#

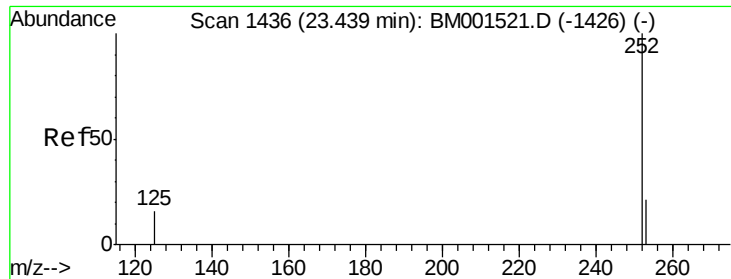


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#35

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.43 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S

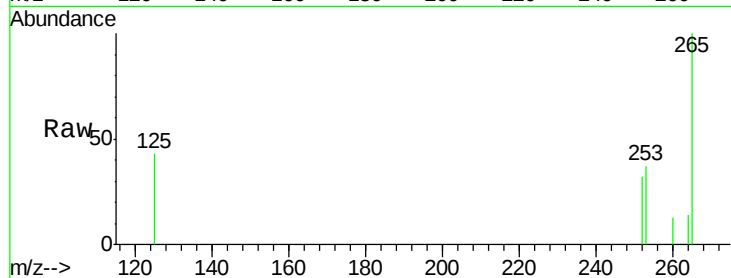
Tgt Ion: 252 Resp: 58

Ion Ratio Lower Upper

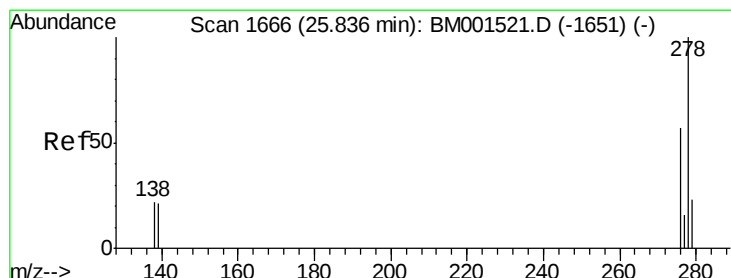
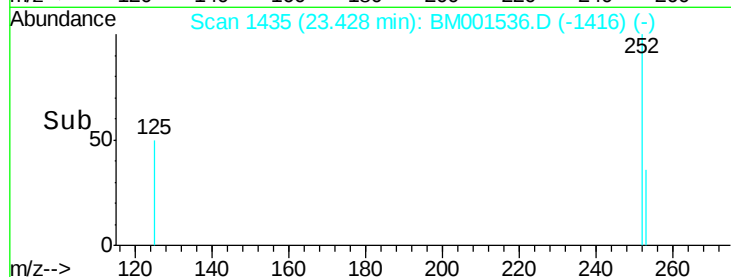
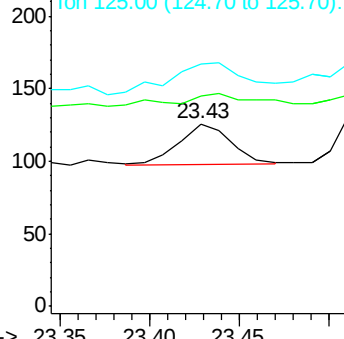
252 100

253 115.1 18.6 28.0#

125 132.5 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: 0.01 ng

RT: 25.82 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BM001536.D

Acq: 03 Jun 2015 06:09

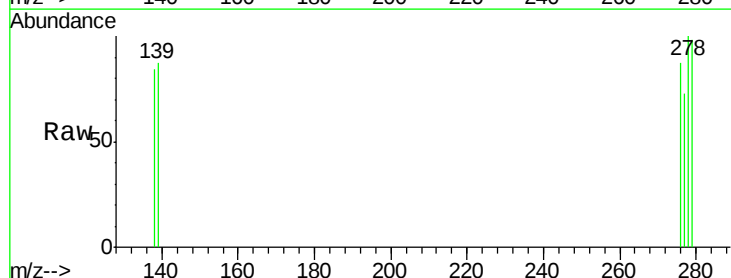
Tgt Ion: 278 Resp: 113

Ion Ratio Lower Upper

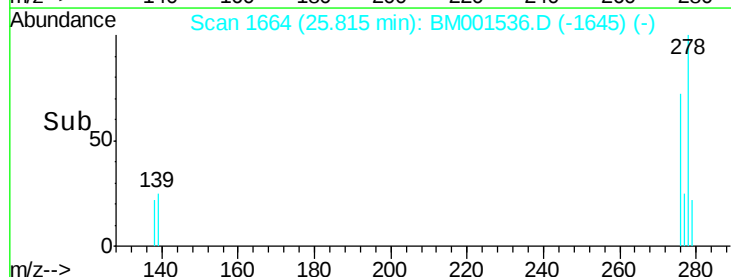
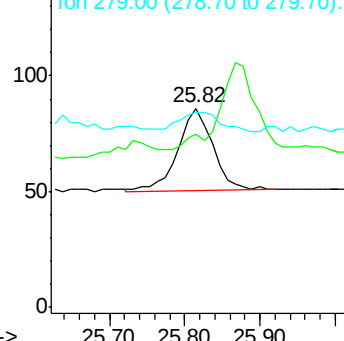
278 100

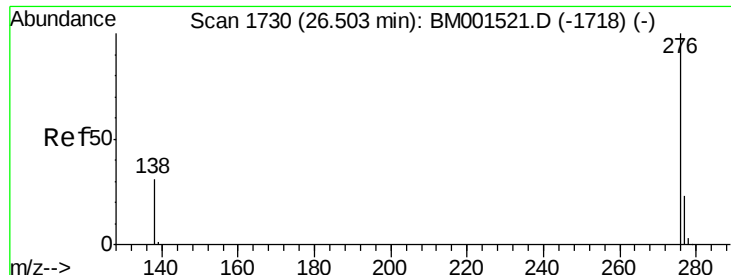
139 87.2 15.7 23.5#

279 97.7 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: 0.01 ng

RT: 26.48 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BM001536.D

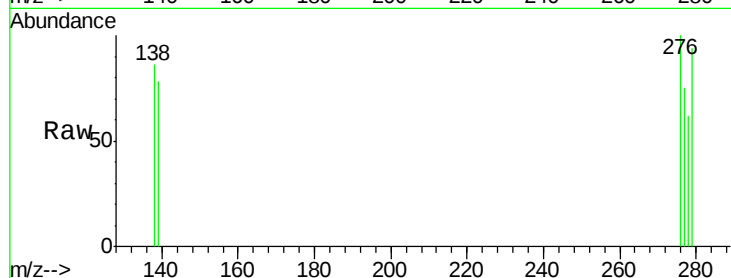
Acq: 03 Jun 2015 06:09

Instrument :

BNA_M

ClientSampleId :

052915-P20-F-U-S



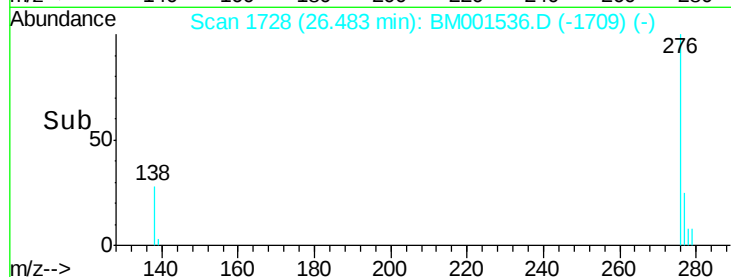
Tgt Ion: 276 Resp: 129

Ion Ratio Lower Upper

276 100

277 75.3 19.8 29.6#

138 85.9 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

