

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032016\
 Data File : BM004704.D
 Acq On : 20 Mar 2016 13:53
 Operator : UM/SJ
 Sample : MDL-04-W
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Quant Time: Mar 21 02:24:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 07:50:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	29106	5.00	ng	0.00
6) Naphthalene-d8	10.61	136	113756	5.00	ng	-0.02
10) Acenaphthene-d10	14.46	164	58753	5.00	ng	0.00
16) Phenanthrene-d10	17.19	188	112019	5.00	ng	-0.03
22) Chrysene-d12	21.39	240	129402	5.00	ng	0.00
28) Perylene-d12	23.69	264	102752	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	43713	6.51	ng	0.00
5) Phenol-d6	6.99	99	51500	6.26	ng	0.00
7) Nitrobenzene-d5	8.99	82	17549	3.20	ng	0.00
11) 2,4,6-Tribromophenol	15.95	330	9834	5.05	ng	0.00
12) 2-Fluorobiphenyl	13.09	172	75126	4.47	ng	0.00
24) Terphenyl-d14	19.84	244	60338	3.69	ng	0.00

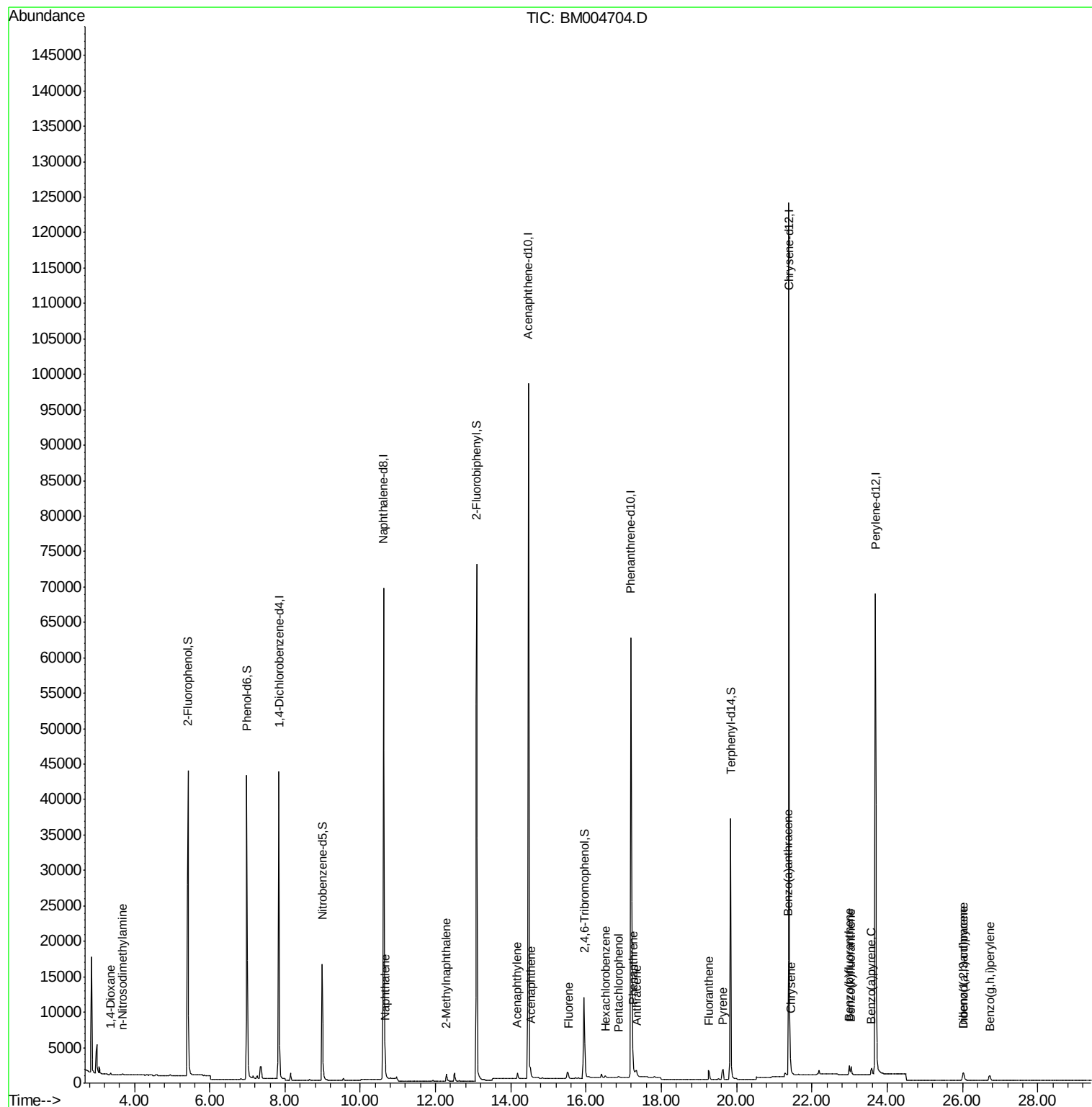
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	295	0.03	ng	# 76
3) n-Nitrosodimethylamine	3.68	42	102	0.03	ng	# 90
8) Naphthalene	10.66	128	1580	0.05	ng	# 90
9) 2-Methylnaphthalene	12.29	142	978	0.05	ng	# 89
13) Acenaphthylene	14.17	152	1157	0.04	ng	100
14) Acenaphthene	14.53	154	1151	0.06	ng	# 67
15) Fluorene	15.53	166	996	0.04	ng	# 99
17) Hexachlorobenzene	16.53	284	321	0.05	ng	# 100
18) Pentachlorophenol	16.86	266	129	0.16	ng	# 76
19) Phenanthrene	17.24	178	2325	0.05	ng	# 95
20) Anthracene	17.34	178	1282	0.04	ng	99
21) Fluoranthene	19.26	202	1873	0.04	ng	98
23) Pyrene	19.64	202	1979	0.04	ng	98
25) Benzo(a)anthracene	21.37	228	2098m	0.04	ng	
26) Chrysene	21.43	228	1931m	0.05	ng	
27) Indeno(1,2,3-cd)pyrene	26.02	276	1619	0.04	ng	98
29) Benzo(b)fluoranthene	23.00	252	1828	0.05	ng	# 73
30) Benzo(k)fluoranthene	23.04	252	1692	0.05	ng	# 71
31) Benzo(a)pyrene	23.58	252	1455	0.04	ng	# 61
32) Dibenzo(a,h)anthracene	26.03	278	1242	0.04	ng	# 70
33) Benzo(g,h,i)perylene	26.73	276	1537	0.05	ng	# 83

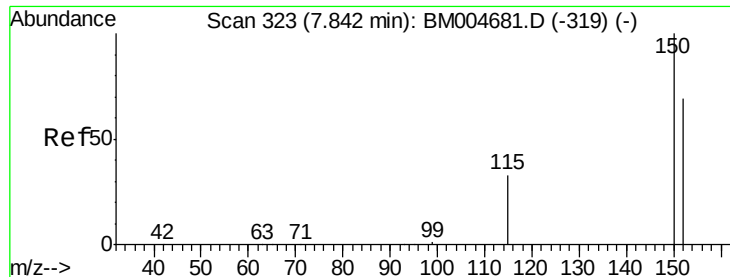
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.84 min Scan# 323

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampled :

MDL-04-W

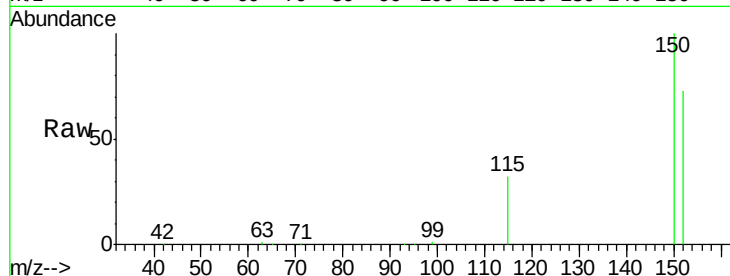
Tgt Ion: 152 Resp: 29106

Ion Ratio Lower Upper

152 100

150 137.9 115.9 173.9

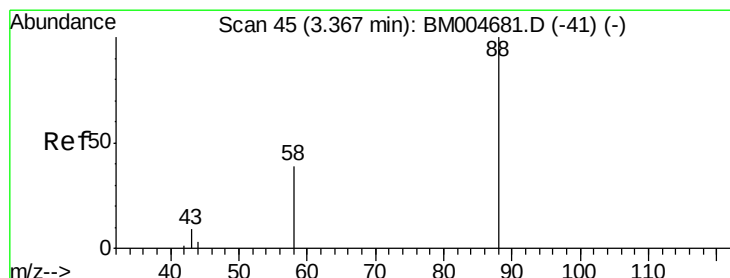
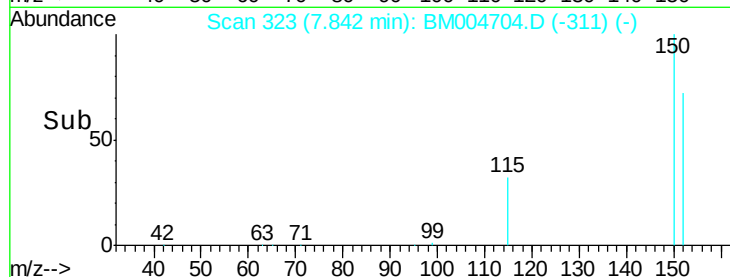
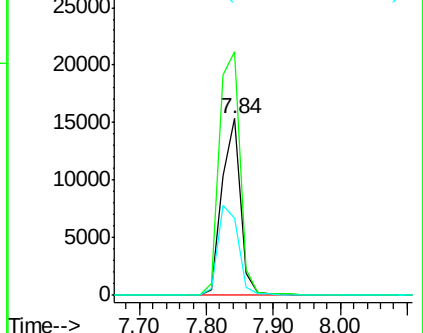
115 44.1 38.4 57.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.03 ng

RT: 3.37 min Scan# 45

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

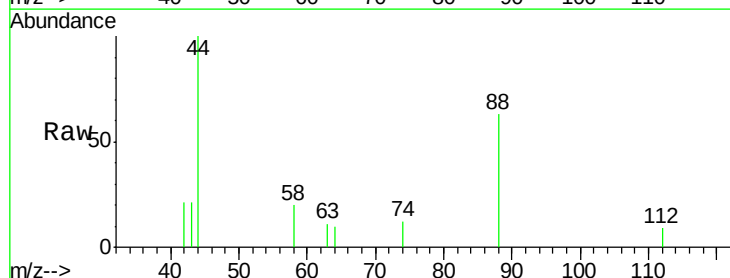
Tgt Ion: 88 Resp: 295

Ion Ratio Lower Upper

88 100

58 36.3 43.9 65.9#

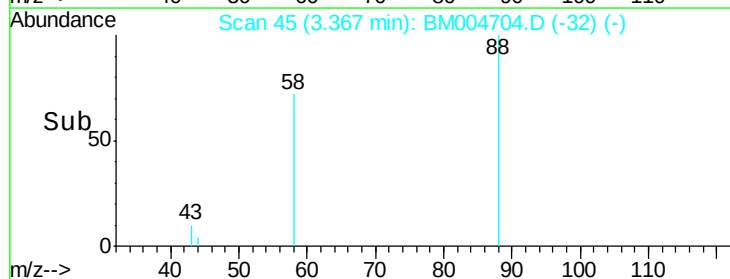
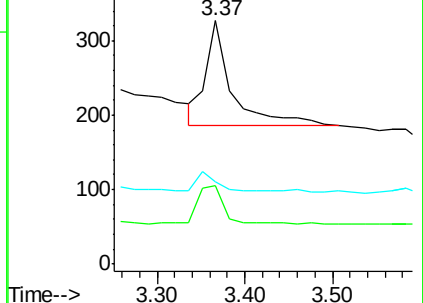
43 14.2 19.9 29.9#

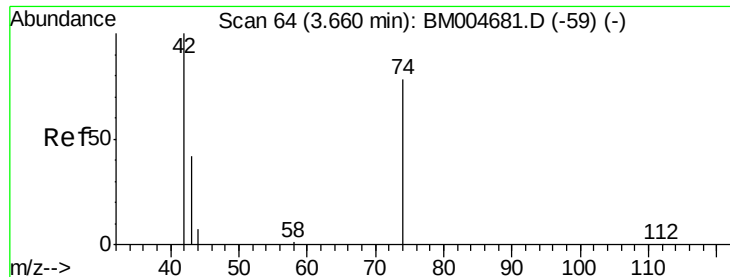


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.68 min Scan# 65

Delta R.T. 0.02 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

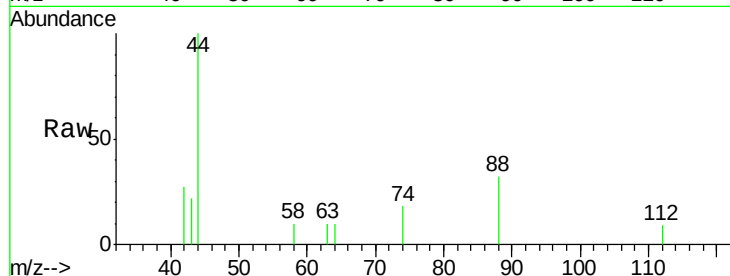
Tgt Ion: 42 Resp: 102

Ion Ratio Lower Upper

42 100

74 162.7 120.9 181.3

44 0.0 6.0 9.0#

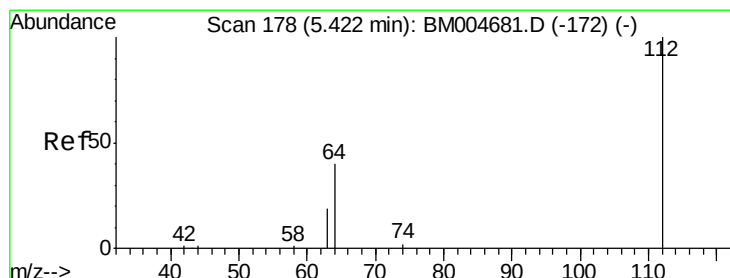
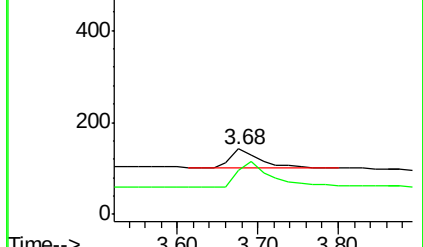
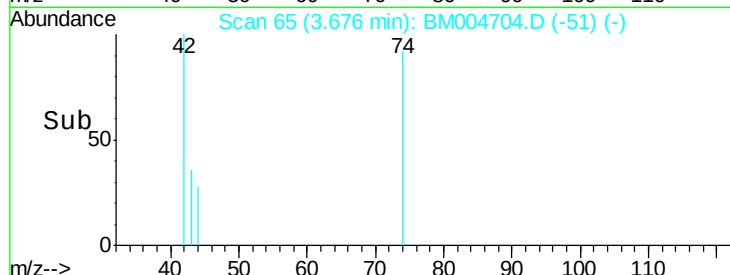


Abundance Ion 42.00 (41.70 to 42.70): BM004681.D (-59) (-)

Ion 74.00 (73.70 to 74.70): BM004681.D (-59) (-)

Ion 44.00 (43.70 to 44.70): BM004681.D (-59) (-)

Time-->



#4

2-Fluorophenol

Concen: 6.51 ng

RT: 5.42 min Scan# 178

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

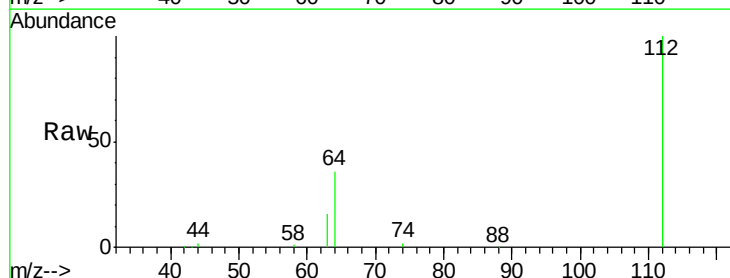
Tgt Ion: 112 Resp: 43713

Ion Ratio Lower Upper

112 100

64 46.6 37.0 55.6

63 23.9 19.3 28.9

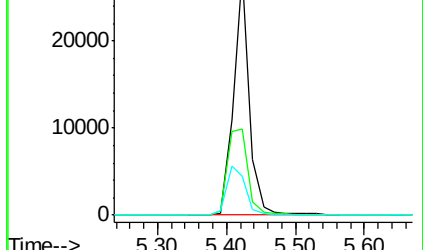
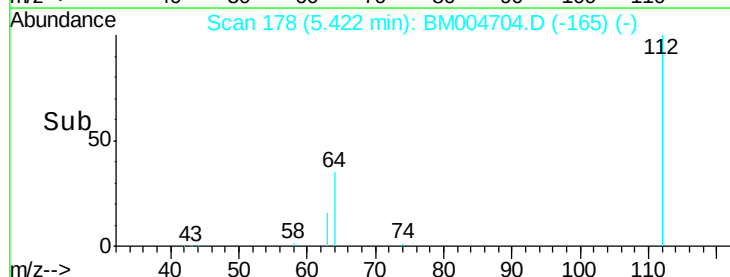


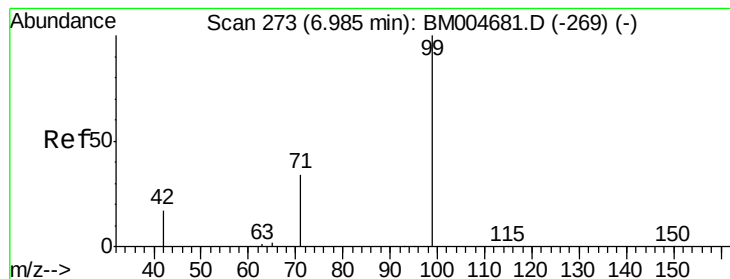
Abundance Ion 112.00 (111.70 to 112.70): BM004681.D (-172) (-)

Ion 64.00 (63.70 to 64.70): BM004681.D (-172) (-)

Ion 63.00 (62.70 to 63.70): BM004681.D (-172) (-)

Time-->





#5

Phenol-d6

Concen: 6.26 ng

RT: 6.99 min Scan# 273

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

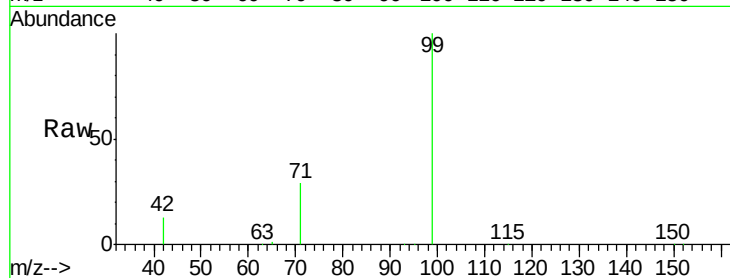
Tgt Ion: 99 Resp: 51500

Ion Ratio Lower Upper

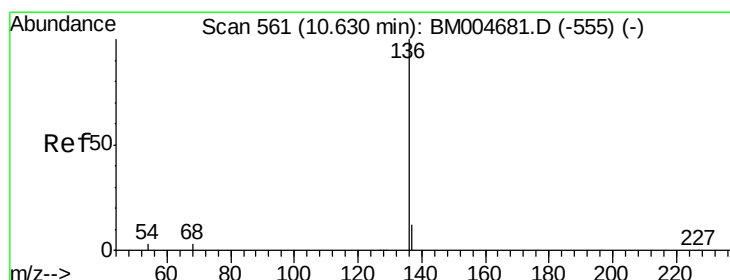
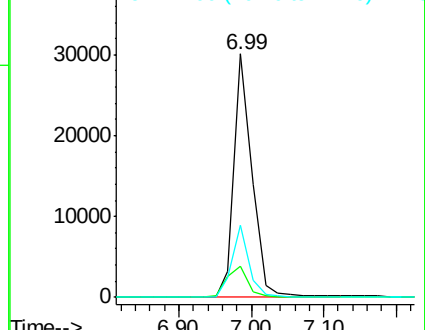
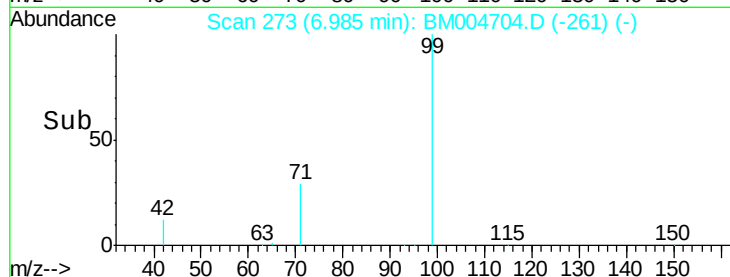
99 100

42 14.1 12.7 19.1

71 27.7 22.9 34.3



Abundance Ion 99.00 (98.70 to 99.70): BM004704.D (-261) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.61 min Scan# 560

Delta R.T. -0.02 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Tgt Ion: 136 Resp: 113756

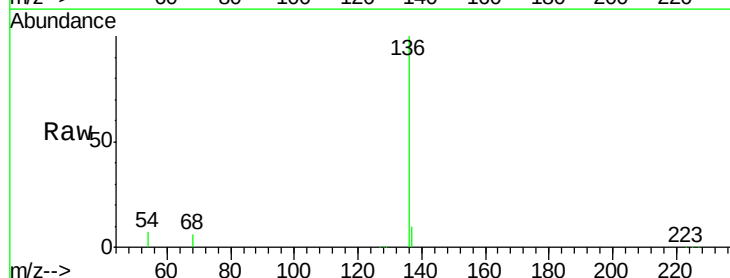
Ion Ratio Lower Upper

136 100

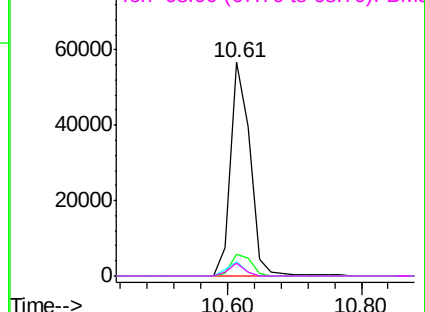
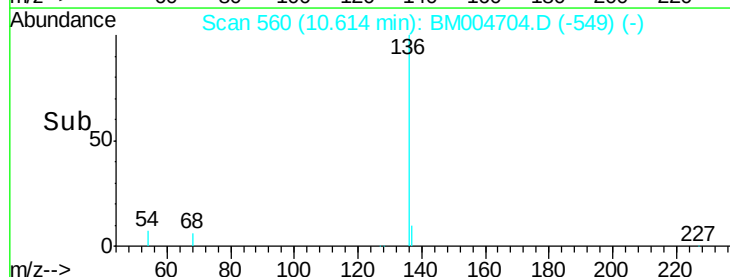
137 10.3 9.4 14.2

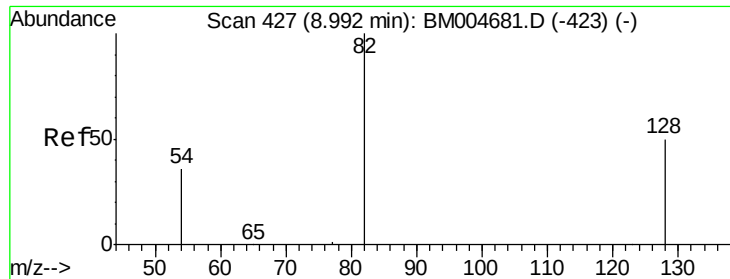
54 6.7 2.2 3.4#

68 5.7 2.2 3.4#



Abundance Ion 136.00 (135.70 to 136.70): BM004704.D (-549) (-)





#7

Nitrobenzene-d5

Concen: 3.20 ng

RT: 8.99 min Scan# 427

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

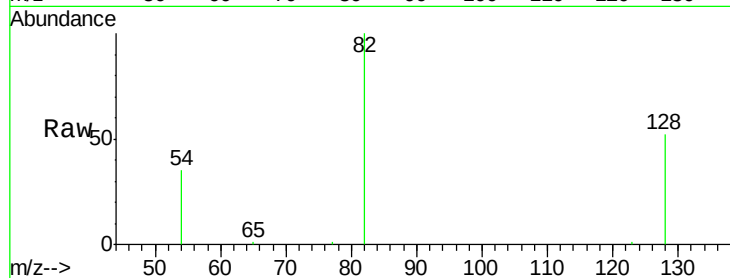
Tgt Ion: 82 Resp: 17549

Ion Ratio Lower Upper

82 100

128 51.5 41.8 62.8

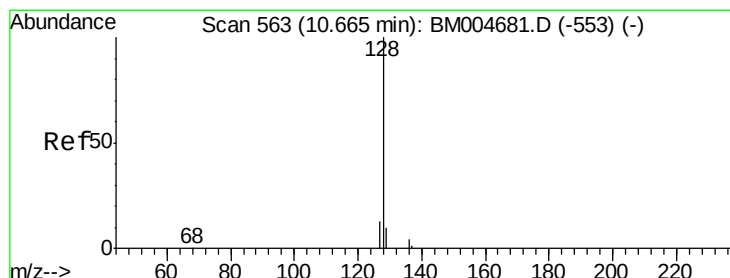
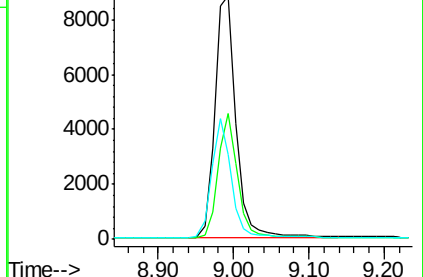
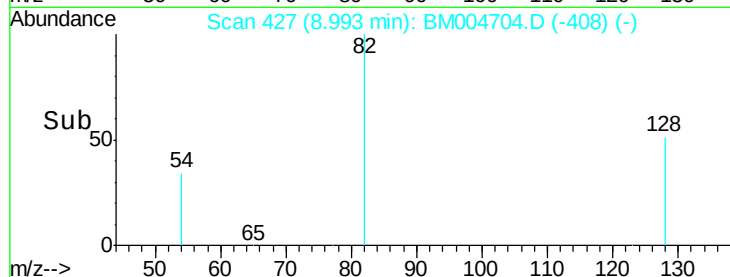
54 34.9 32.9 49.3



Abundance Ion 82.00 (81.70 to 82.70): BM004704.D (-408) (-)

Ion 128.00 (127.70 to 128.70): BM004704.D (-408) (-)

Ion 54.00 (53.70 to 54.70): BM004704.D (-408) (-)



#8

Naphthalene

Concen: 0.05 ng

RT: 10.66 min Scan# 563

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

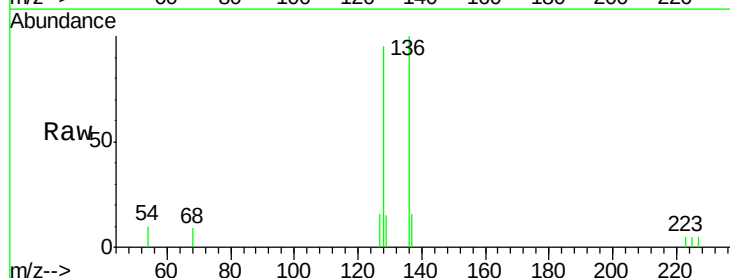
Tgt Ion: 128 Resp: 1580

Ion Ratio Lower Upper

128 100

129 16.0 8.9 13.3#

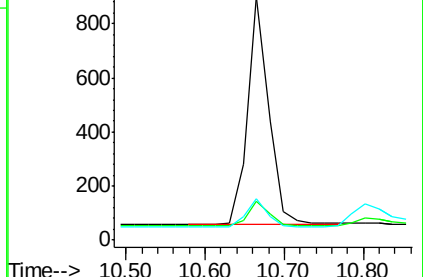
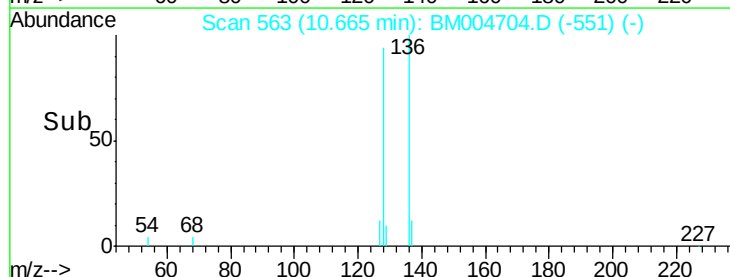
127 17.2 11.3 16.9#

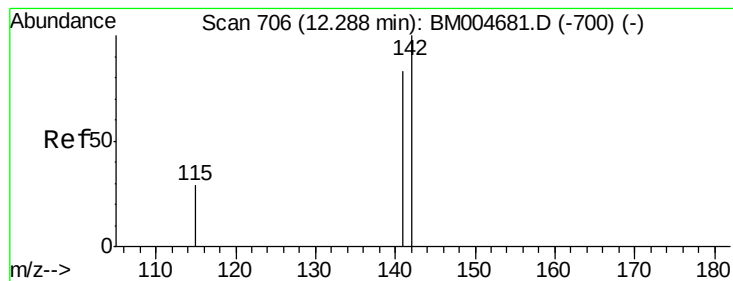


Abundance Ion 128.00 (127.70 to 128.70): BM004704.D (-551) (-)

Ion 129.00 (128.70 to 129.70): BM004704.D (-551) (-)

Ion 127.00 (126.70 to 127.70): BM004704.D (-551) (-)





#9

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.29 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

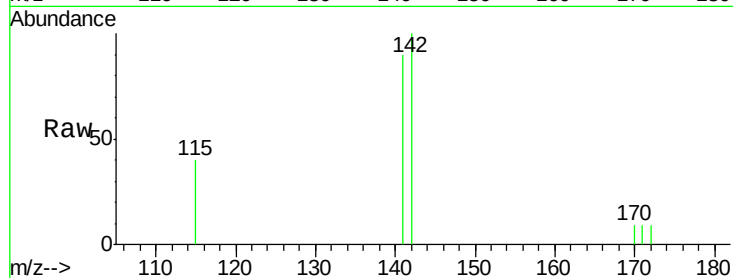
Tgt Ion:142 Resp: 978

Ion Ratio Lower Upper

142 100

141 89.7 66.2 99.2

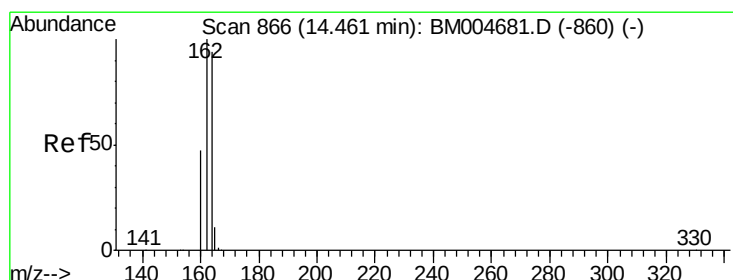
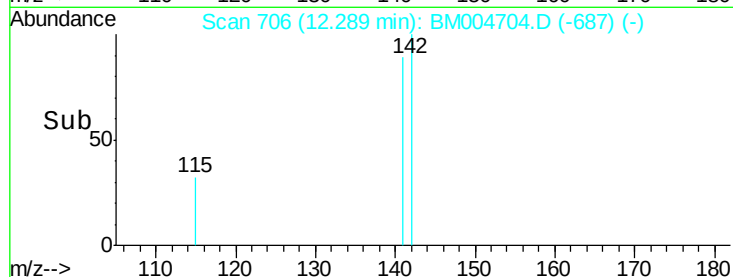
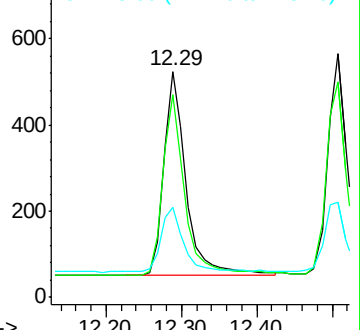
115 40.1 23.8 35.8#



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.46 min Scan# 866

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

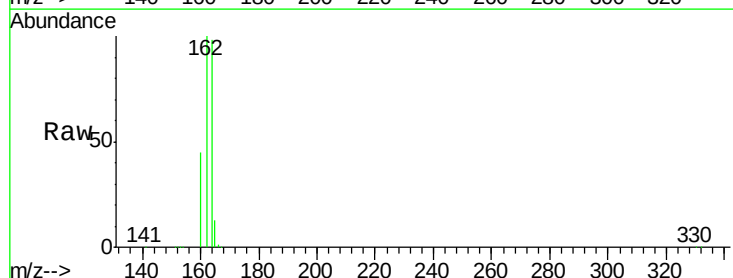
Tgt Ion:164 Resp: 58753

Ion Ratio Lower Upper

164 100

162 101.5 85.4 128.0

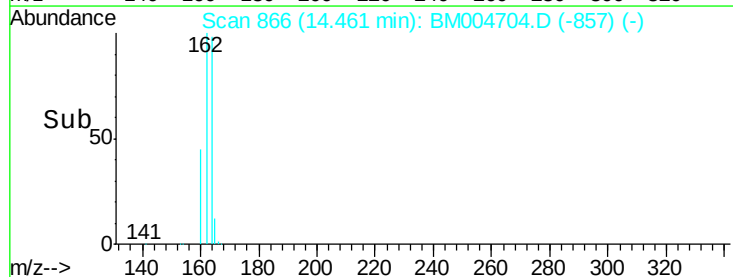
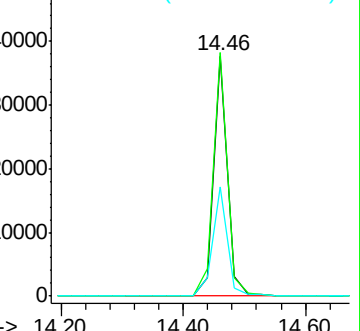
160 45.6 40.2 60.2

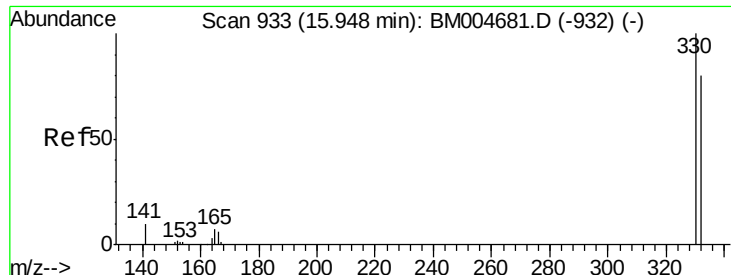


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

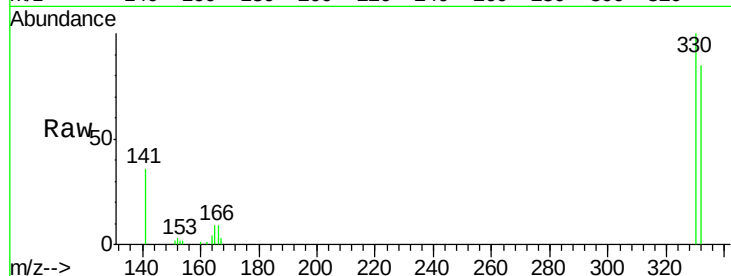




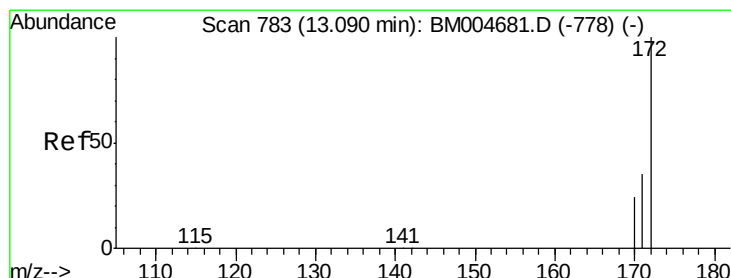
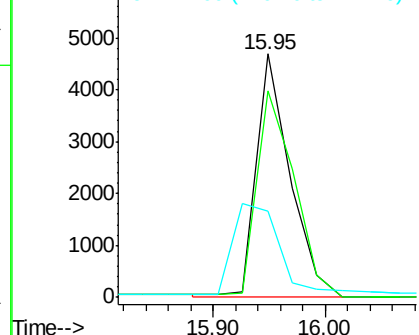
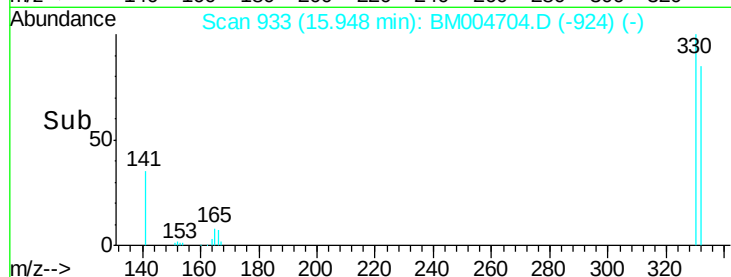
#11
 2,4,6-Tribromophenol
 Concen: 5.05 ng
 RT: 15.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004704.D
 Acq: 20 Mar 2016 13:53

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Tgt Ion:330 Resp: 9834
 Ion Ratio Lower Upper
 330 100
 332 94.7 93.9 140.9
 141 0.0 42.2 63.2#

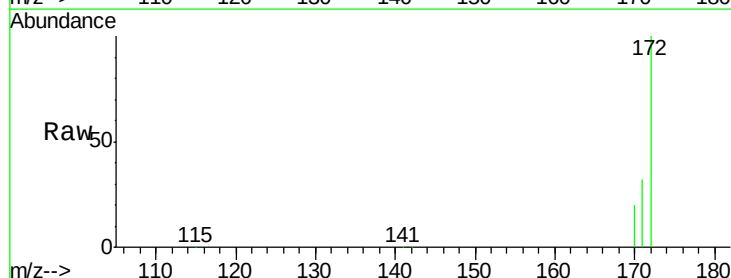


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

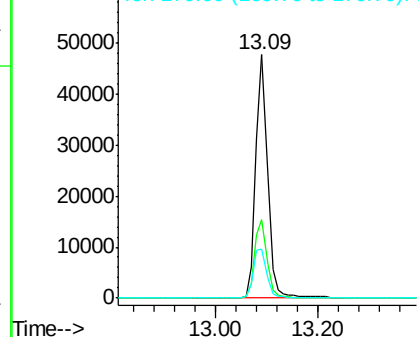
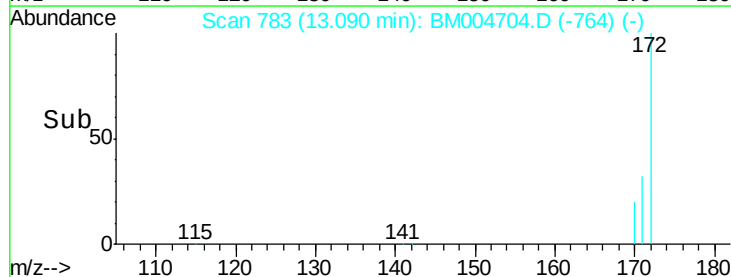


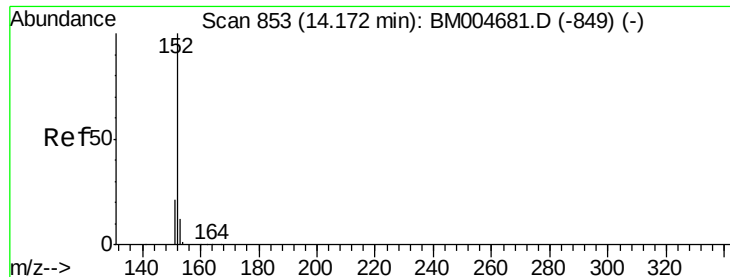
#12
 2-Fluorobiphenyl
 Concen: 4.47 ng
 RT: 13.09 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BM004704.D
 Acq: 20 Mar 2016 13:53

Tgt Ion:172 Resp: 75126
 Ion Ratio Lower Upper
 172 100
 171 32.1 28.2 42.2
 170 20.4 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#13

Acenaphthylene

Concen: 0.04 ng

RT: 14.17 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

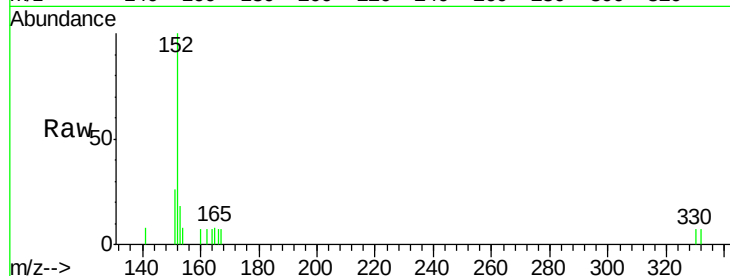
Tgt Ion:152 Resp: 1157

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 12.4 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.17

800

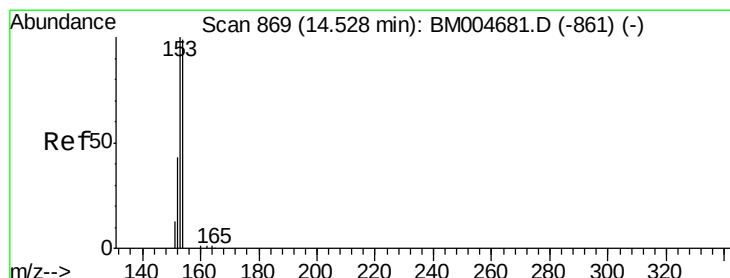
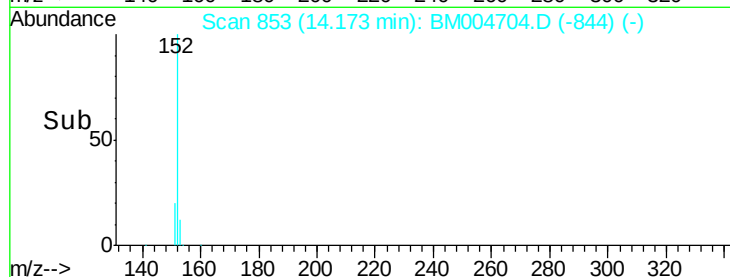
600

400

200

0

Time--> 14.00 14.10 14.20 14.30



#14

Acenaphthene

Concen: 0.06 ng

RT: 14.53 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

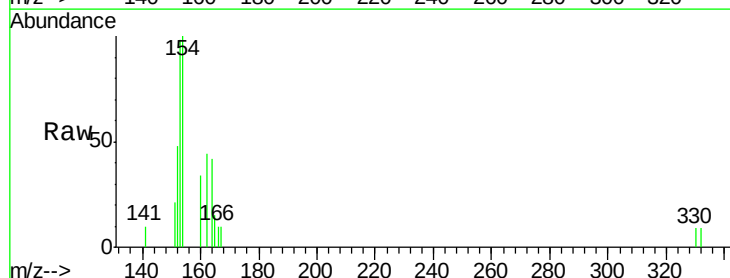
Tgt Ion:154 Resp: 1151

Ion Ratio Lower Upper

154 100

153 91.0 83.8 125.6

152 0.0 40.3 60.5#



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

14.53

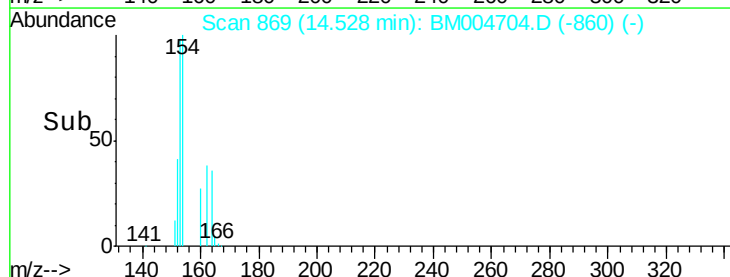
600

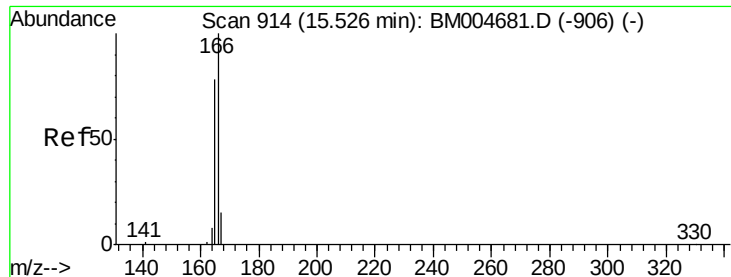
400

200

0

Time--> 14.40 14.60





#15

Fluorene

Concen: 0.04 ng

RT: 15.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

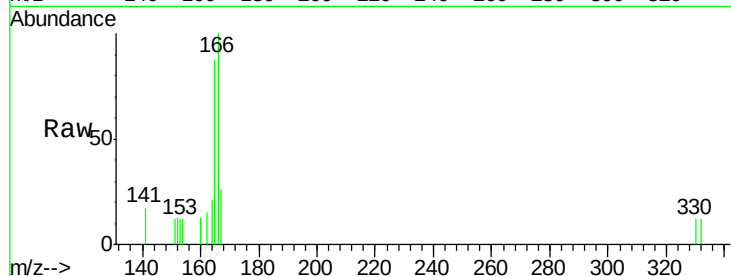
Tgt Ion:166 Resp: 996

Ion Ratio Lower Upper

166 100

165 0.0 0.0 0.0

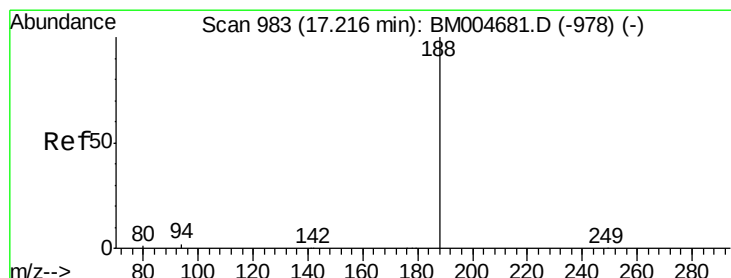
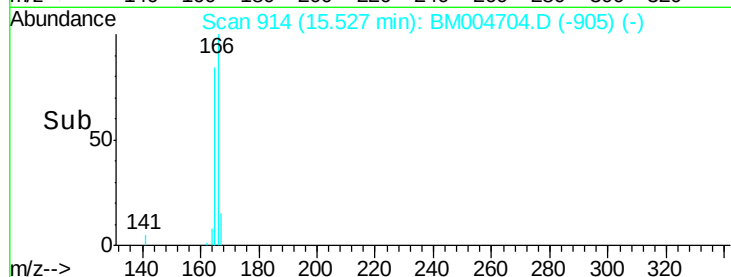
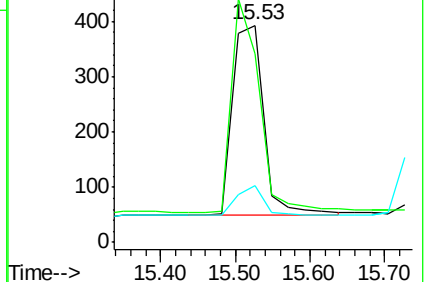
167 13.6 10.6 15.8



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



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.03 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

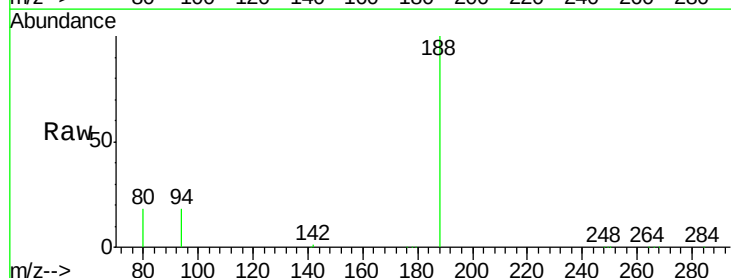
Tgt Ion:188 Resp: 112019

Ion Ratio Lower Upper

188 100

94 18.0 1.4 2.0#

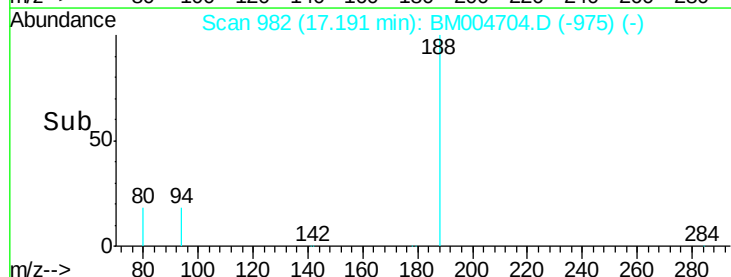
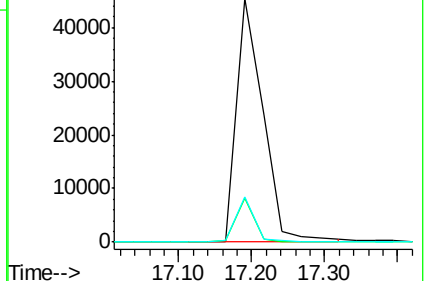
80 18.3 1.0 1.6#

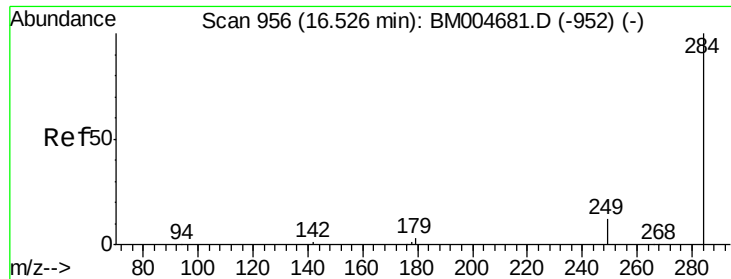


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

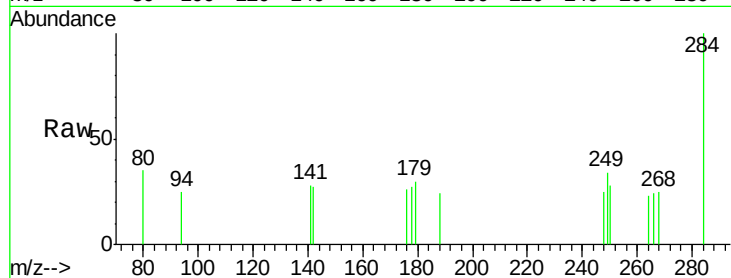




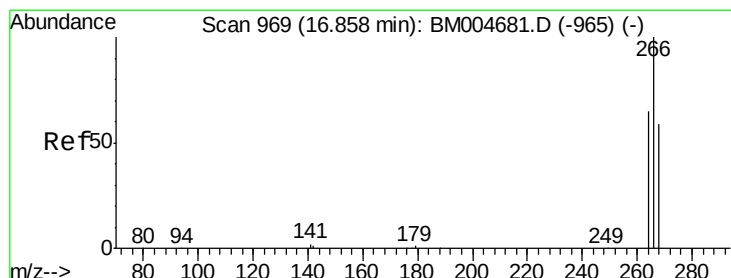
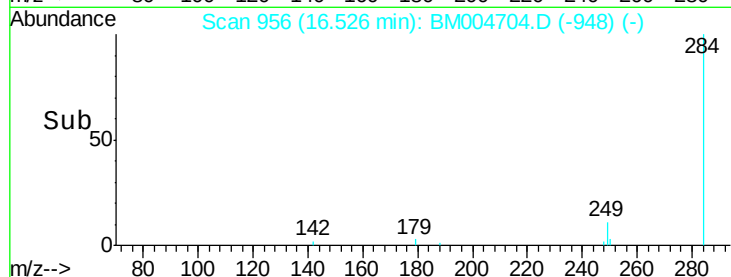
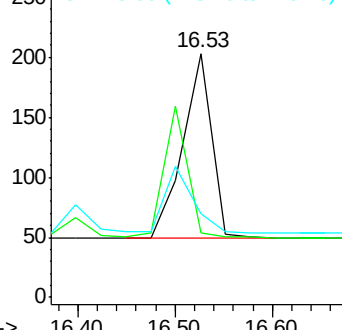
#17
Hexachlorobenzene
Concen: 0.05 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM004704.D
Acq: 20 Mar 2016 13:53

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion: 284 Resp: 321
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

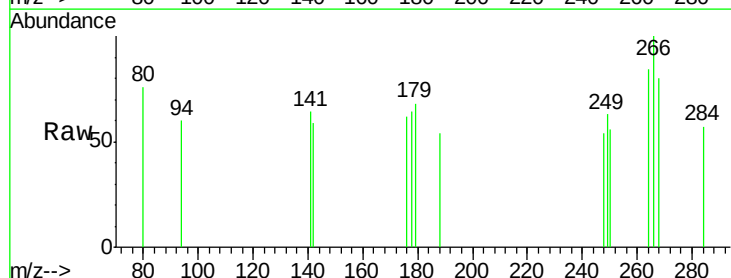


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

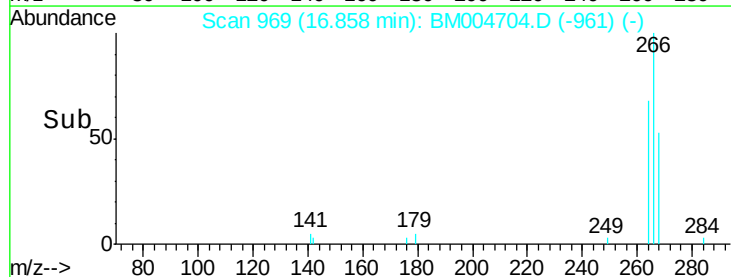
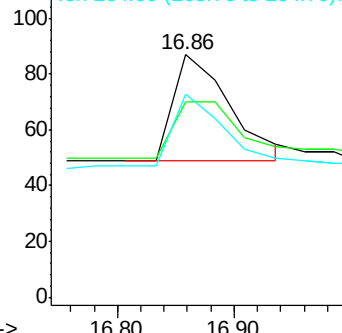


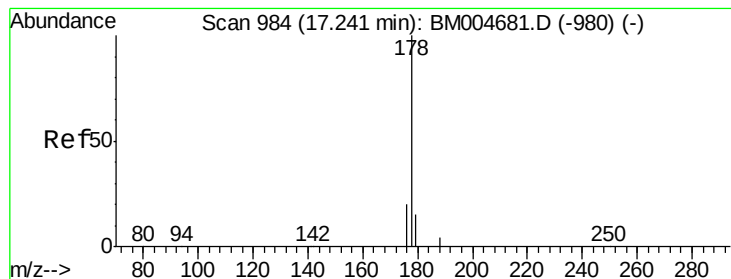
#18
Pentachlorophenol
Concen: 0.16 ng
RT: 16.86 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM004704.D
Acq: 20 Mar 2016 13:53

Tgt Ion: 266 Resp: 129
Ion Ratio Lower Upper
266 100
268 80.5 49.1 73.7#
264 83.9 52.9 79.3#



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





#19

Phenanthrene

Concen: 0.05 ng

RT: 17.24 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

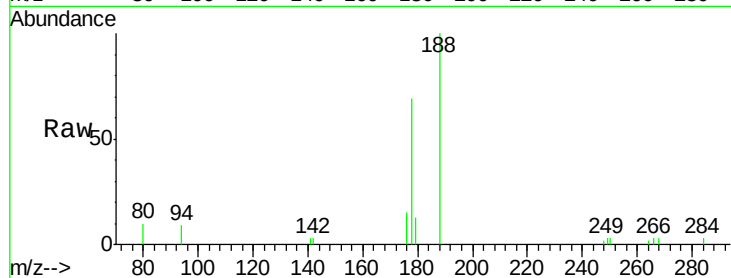
Tgt Ion:178 Resp: 2325

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

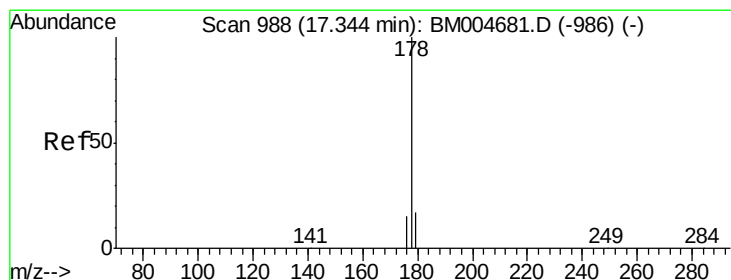
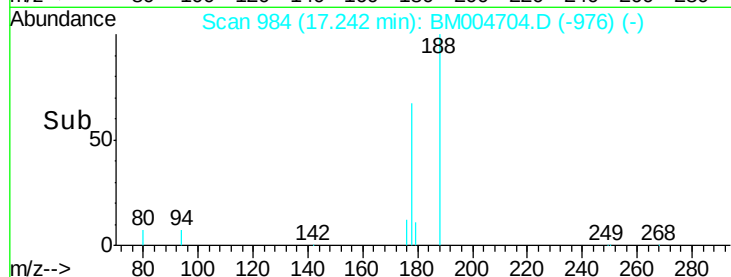
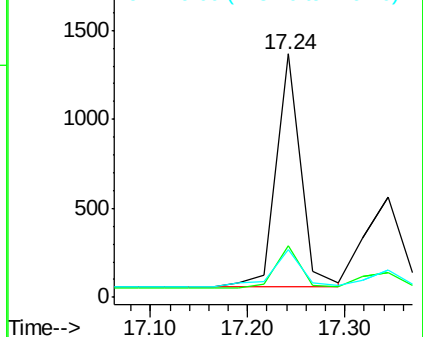
179 19.0 12.2 18.4#



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



#20

Anthracene

Concen: 0.04 ng

RT: 17.34 min Scan# 988

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

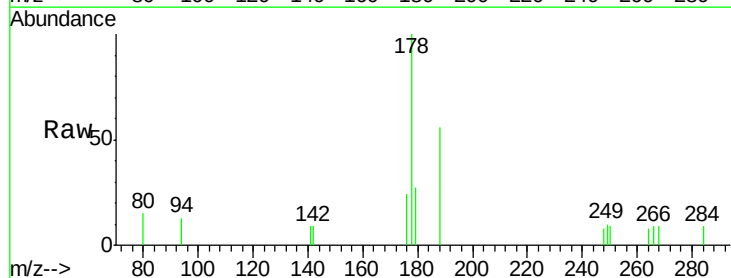
Tgt Ion:178 Resp: 1282

Ion Ratio Lower Upper

178 100

176 19.0 14.5 21.7

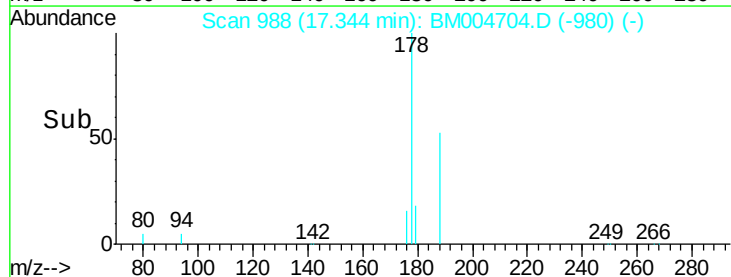
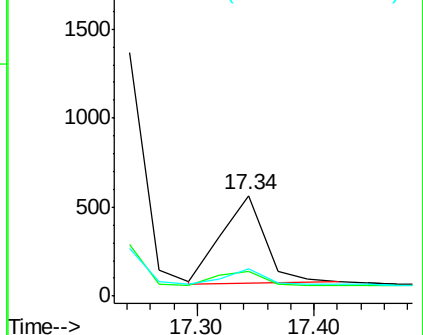
179 16.0 12.6 18.8

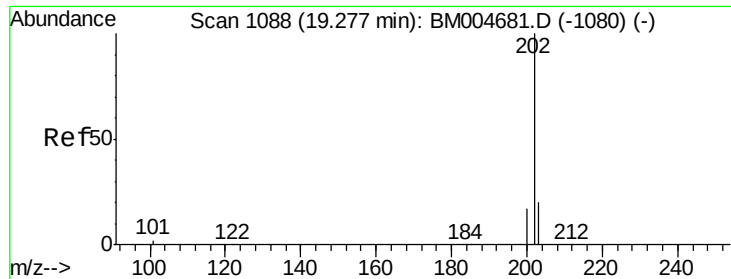


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

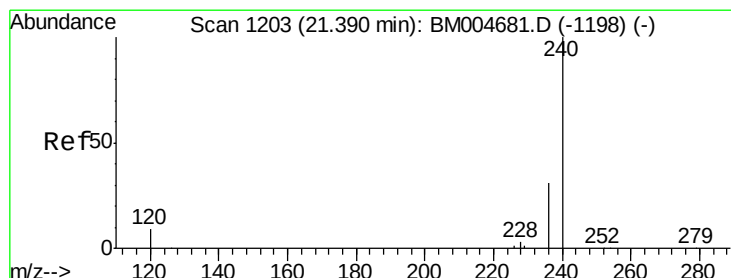
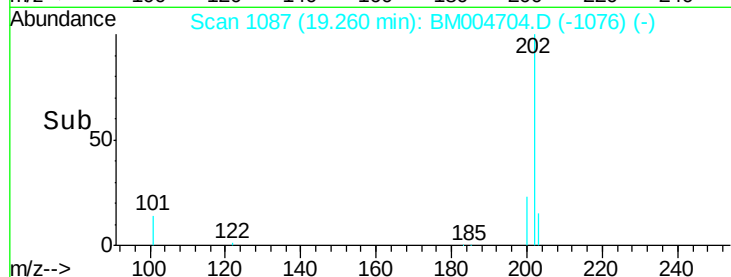
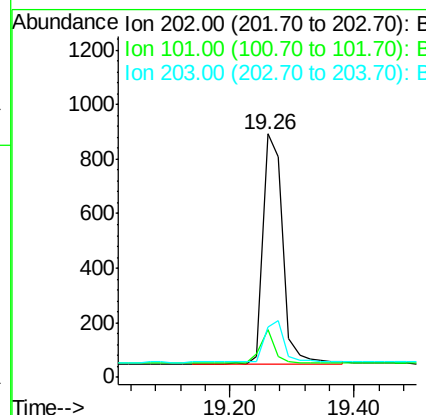
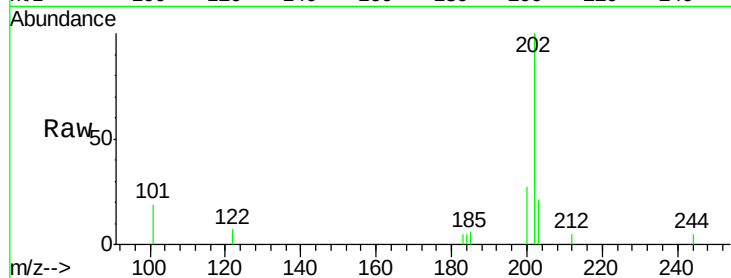




#21
Fluoranthene
Concen: 0.04 ng
RT: 19.26 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BM004704.D
Acq: 20 Mar 2016 13:53

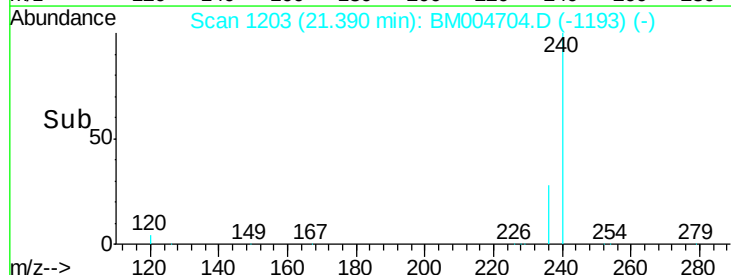
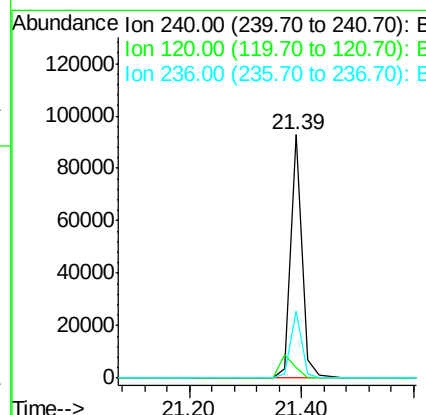
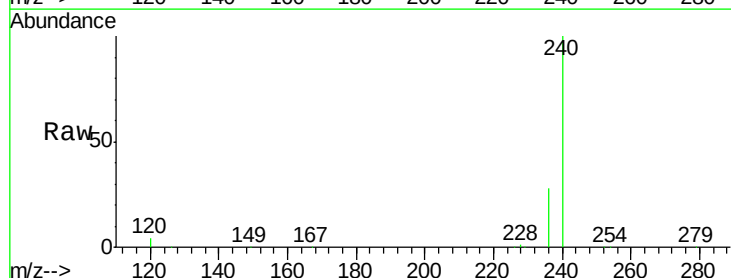
Instrument :
BNA_M
ClientSampleId :
MDL-04-W

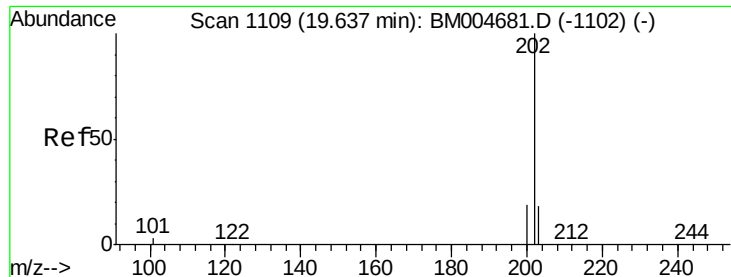
Tgt Ion: 202 Resp: 1873
Ion Ratio Lower Upper
202 100
101 10.2 8.7 13.1
203 18.8 14.1 21.1



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.39 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BM004704.D
Acq: 20 Mar 2016 13:53

Tgt Ion: 240 Resp: 129402
Ion Ratio Lower Upper
240 100
120 4.5 7.4 11.2#
236 27.6 24.5 36.7

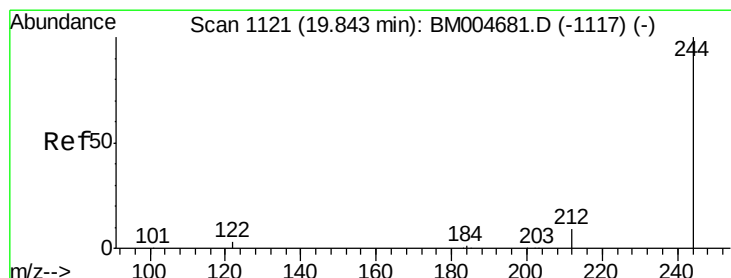
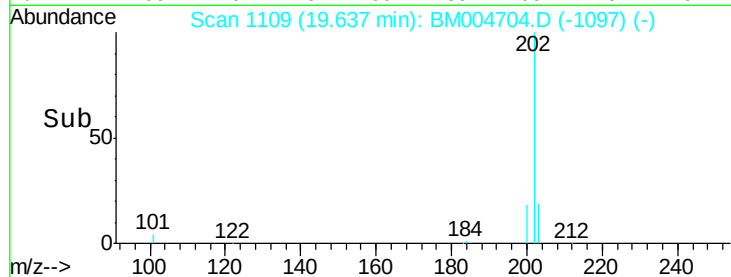
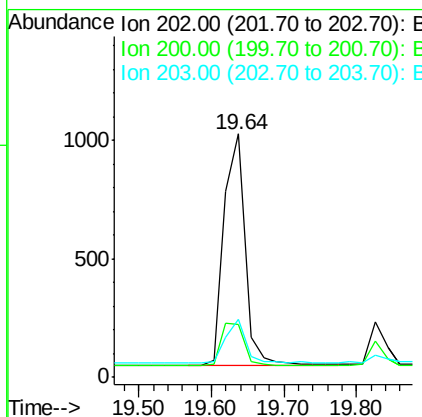
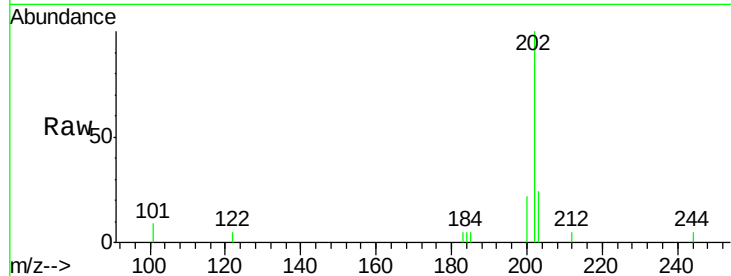




#23
 Pyrene
 Concen: 0.04 ng
 RT: 19.64 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BM004704.D
 Acq: 20 Mar 2016 13:53

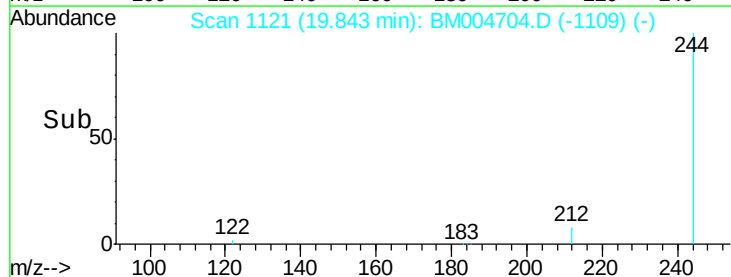
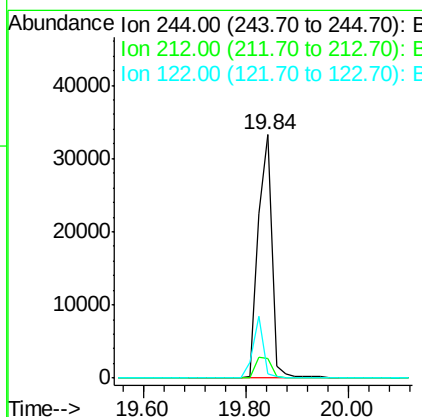
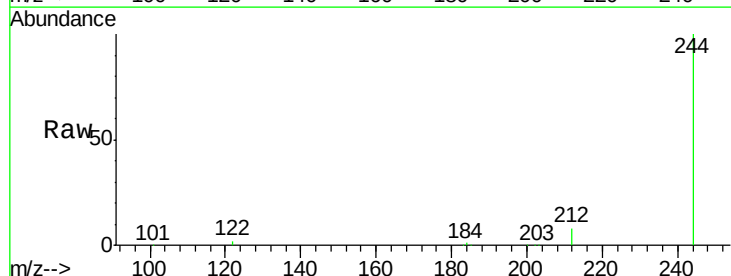
Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

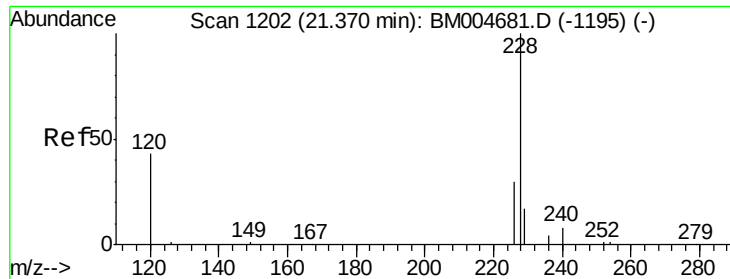
Tgt Ion: 202 Resp: 1979
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.8 25.2
 203 19.4 13.9 20.9



#24
 Terphenyl-d14
 Concen: 3.69 ng
 RT: 19.84 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BM004704.D
 Acq: 20 Mar 2016 13:53

Tgt Ion: 244 Resp: 60338
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.7 11.5
 122 1.9 3.4 5.0#





#25

Benzo(a)anthracene

Concen: 0.04 ng m

RT: 21.37 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

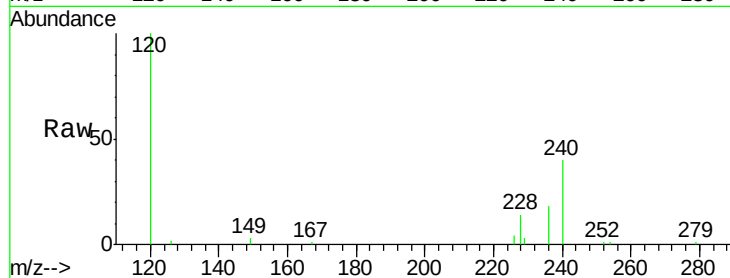
Tgt Ion:228 Resp: 2098

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

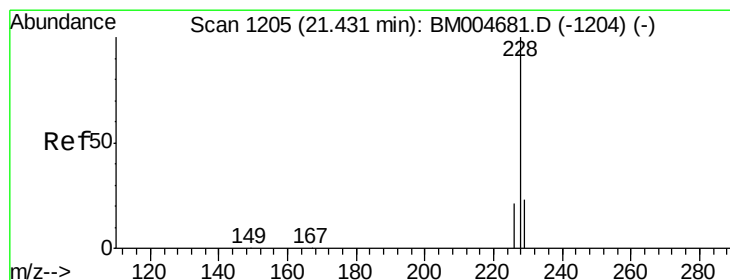
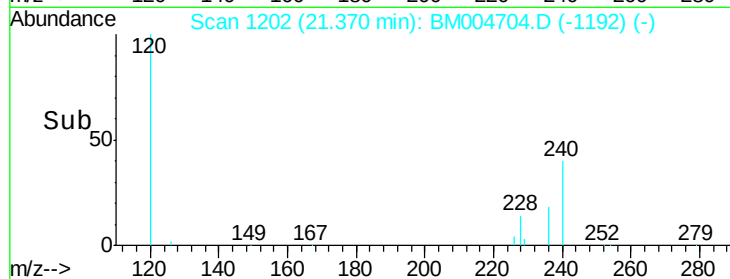
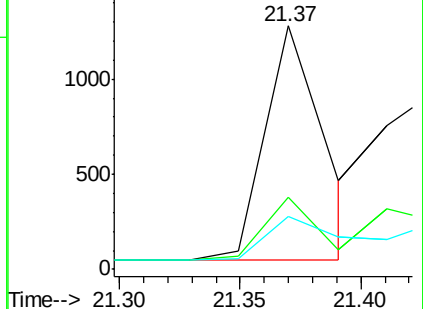
229 21.9 14.2 21.2#



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



#26

Chrysene

Concen: 0.05 ng m

RT: 21.43 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

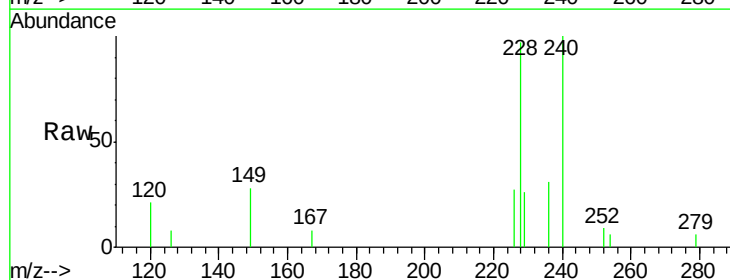
Tgt Ion:228 Resp: 1931

Ion Ratio Lower Upper

228 100

226 28.3 20.9 31.3

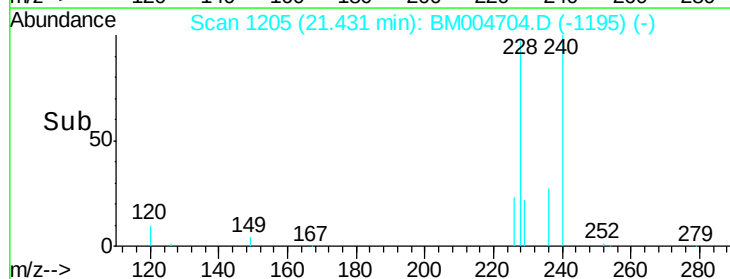
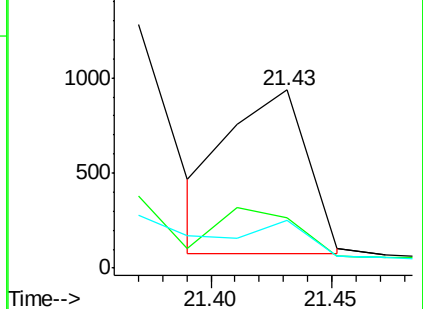
229 26.9 17.4 26.2#

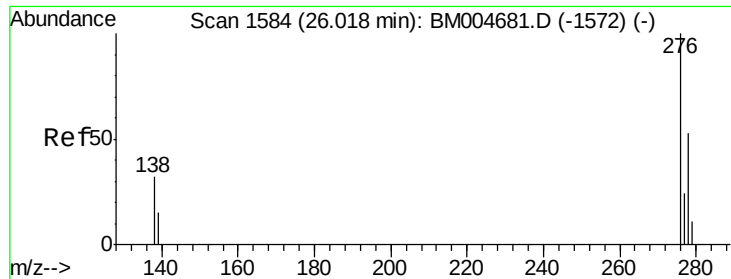


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

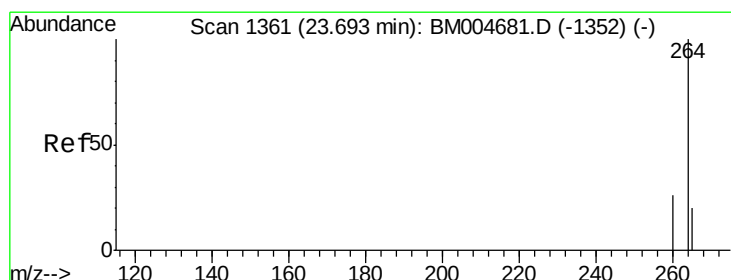
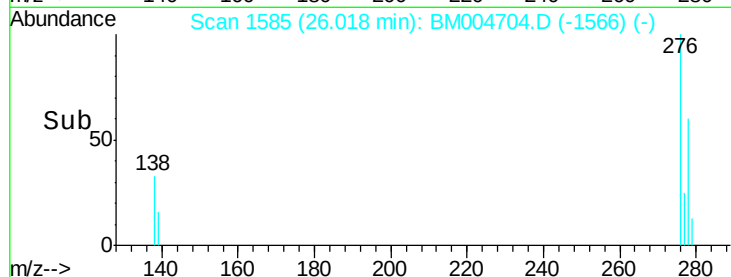
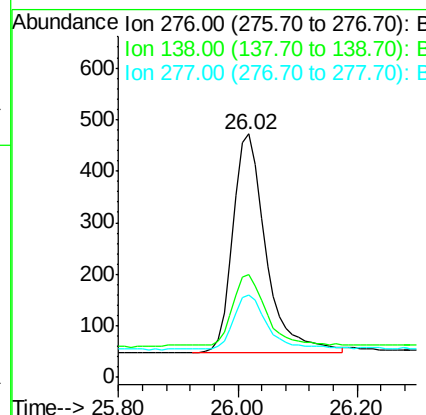
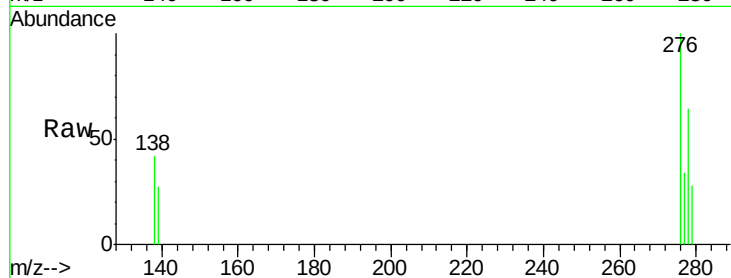




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng
 RT: 26.02 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BM004704.D
 Acq: 20 Mar 2016 13:53

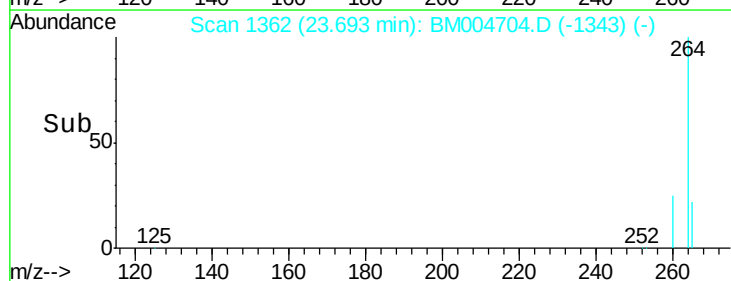
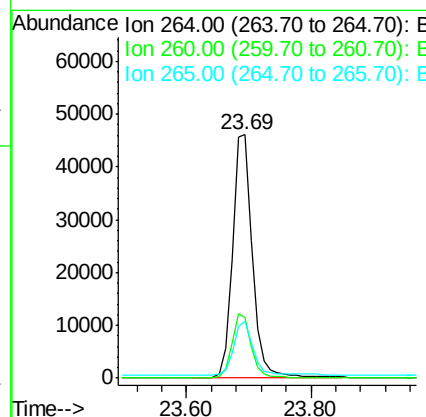
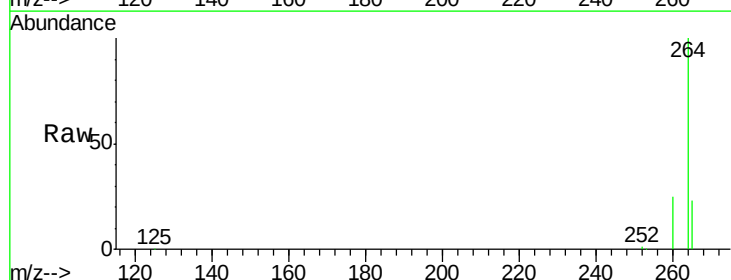
Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

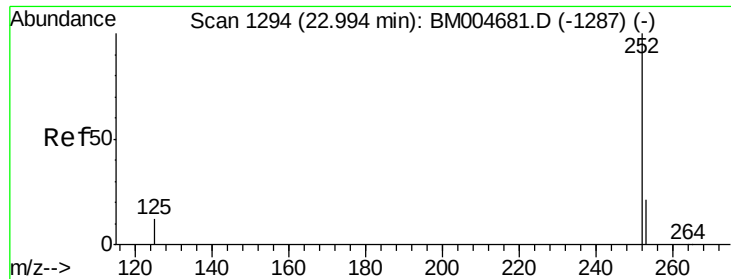
Tgt Ion: 276 Resp: 1619
 Ion Ratio Lower Upper
 276 100
 138 33.0 25.9 38.9
 277 26.3 19.8 29.6



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.69 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BM004704.D
 Acq: 20 Mar 2016 13:53

Tgt Ion: 264 Resp: 102752
 Ion Ratio Lower Upper
 264 100
 260 24.8 21.0 31.4
 265 23.2 17.5 26.3





#29

Benzo(b)fluoranthene

Concen: 0.05 ng

RT: 23.00 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampled :

MDL-04-W

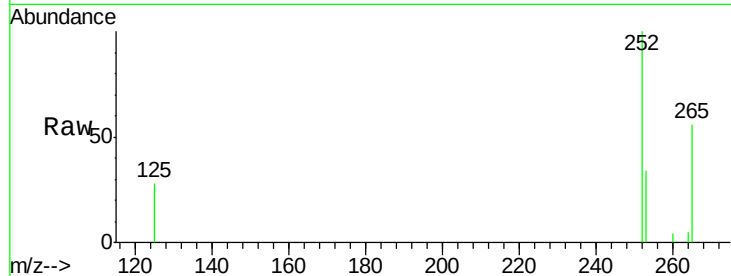
Tgt Ion:252 Resp: 1828

Ion Ratio Lower Upper

252 100

253 33.5 17.9 26.9#

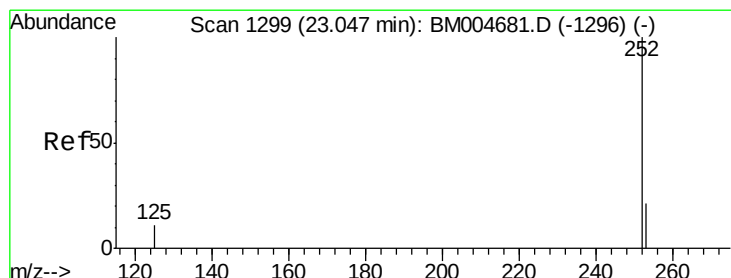
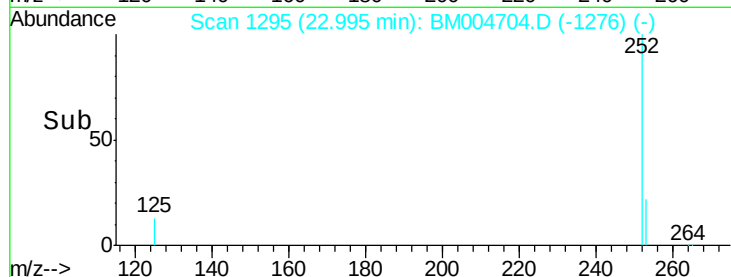
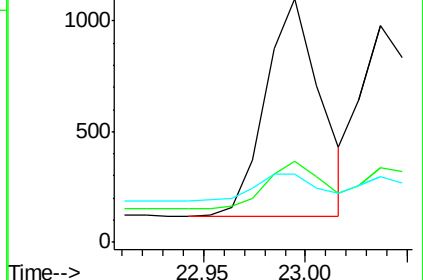
125 28.1 11.4 17.0#



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



#30

Benzo(k)fluoranthene

Concen: 0.05 ng

RT: 23.04 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

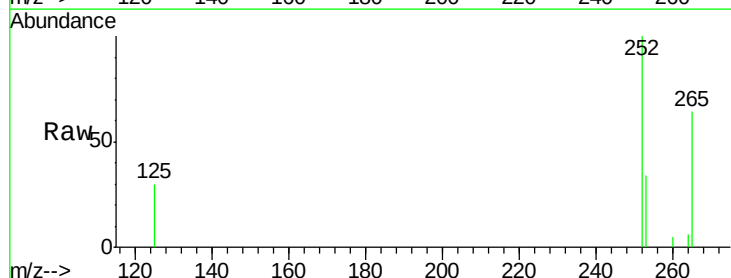
Tgt Ion:252 Resp: 1692

Ion Ratio Lower Upper

252 100

253 34.5 19.3 28.9#

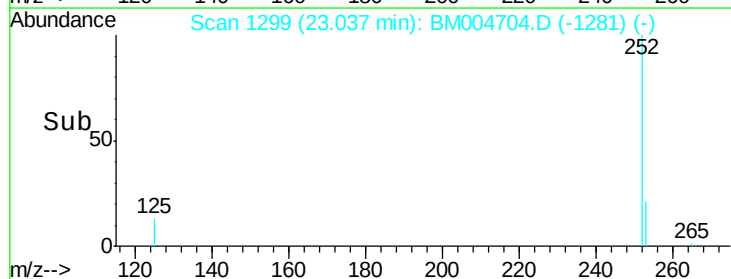
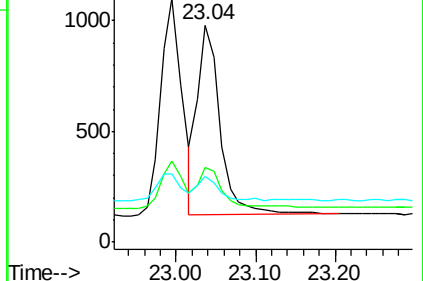
125 30.3 10.6 15.8#

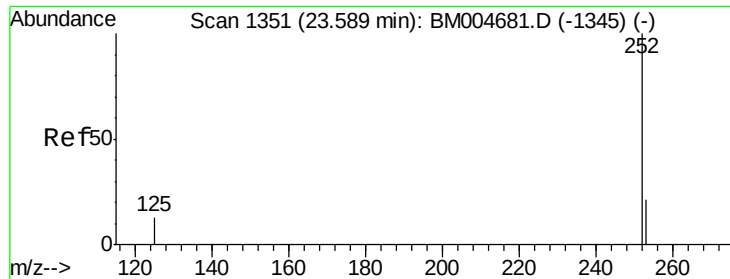


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 0.04 ng

RT: 23.58 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

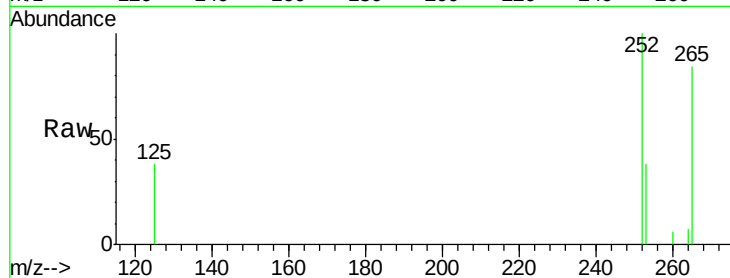
Tgt Ion: 252 Resp: 1455

Ion Ratio Lower Upper

252 100

253 37.5 18.6 28.0#

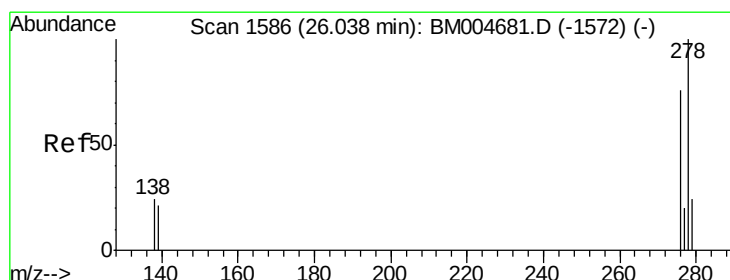
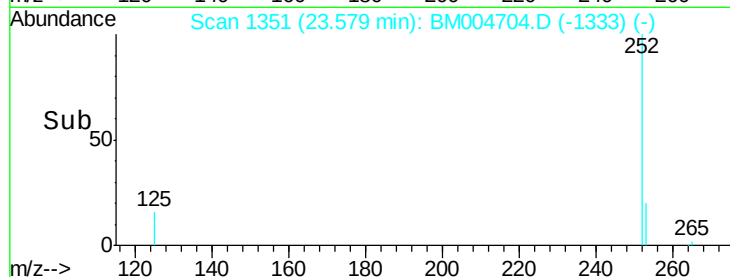
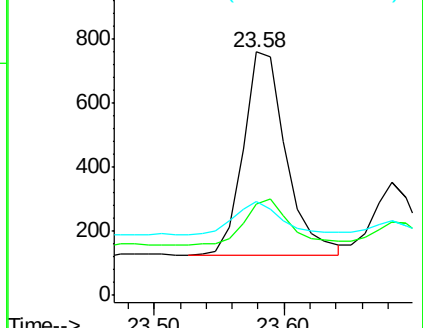
125 38.5 12.3 18.5#



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



#32

Dibenzo(a,h)anthracene

Concen: 0.04 ng

RT: 26.03 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BM004704.D

Acq: 20 Mar 2016 13:53

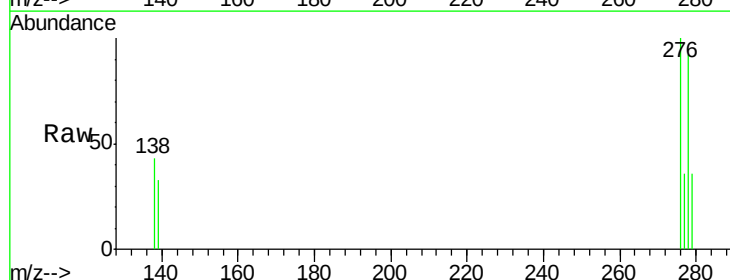
Tgt Ion: 278 Resp: 1242

Ion Ratio Lower Upper

278 100

139 36.6 17.6 26.4#

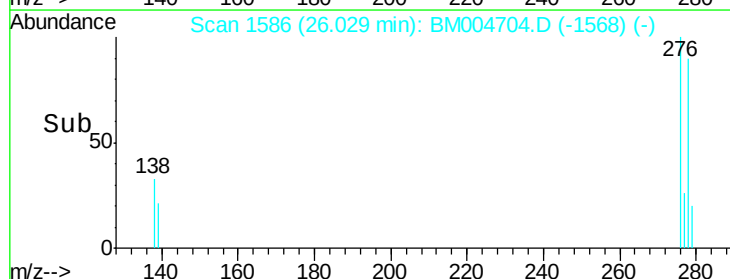
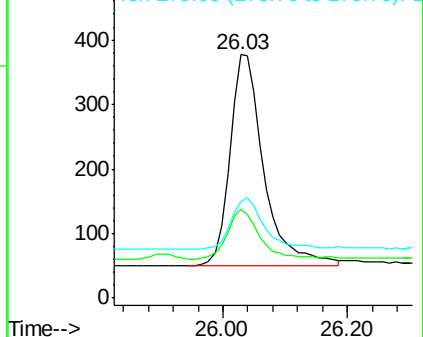
279 39.8 19.9 29.9#

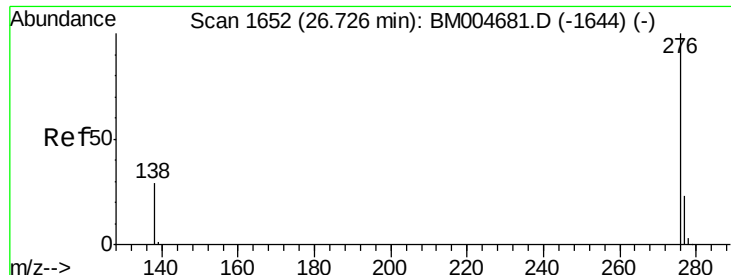


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Benzo(g,h,i)perylene

Concen: 0.05 ng

RT: 26.73 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM004704.D

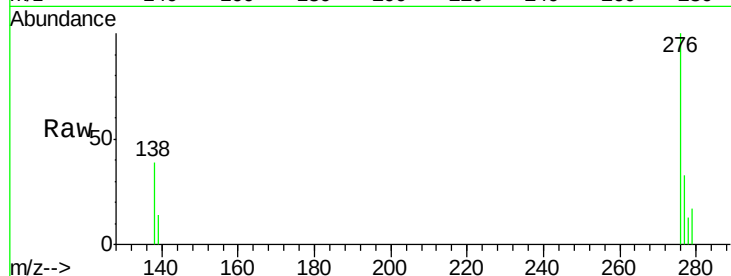
Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W



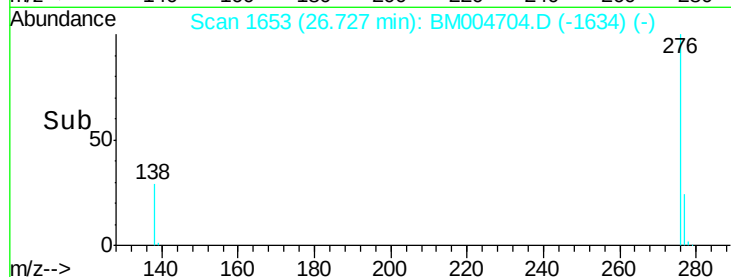
Tgt Ion: 276 Resp: 1537

Ion Ratio Lower Upper

276 100

277 33.3 19.1 28.7#

138 38.7 24.5 36.7#



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

