

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032016\
 Data File : BM004707.D
 Acq On : 20 Mar 2016 15:40
 Operator : UM/SJ
 Sample : MDL-07-W
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Quant Time: Mar 21 02:44:34 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	28537	5.00	ng	0.00
6) Naphthalene-d8	10.61	136	111762	5.00	ng	-0.02
10) Acenaphthene-d10	14.46	164	56646	5.00	ng	0.00
16) Phenanthrene-d10	17.19	188	106929	5.00	ng	-0.03
22) Chrysene-d12	21.39	240	121160	5.00	ng	0.00
28) Perylene-d12	23.69	264	96561	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.42	112	40311	6.12	ng	0.00
5) Phenol-d6	6.99	99	47421	5.88	ng	0.00
7) Nitrobenzene-d5	8.99	82	15938	2.96	ng	0.00
11) 2,4,6-Tribromophenol	15.95	330	9202	4.90	ng	0.00
12) 2-Fluorobiphenyl	13.09	172	68990	4.26	ng	0.00
24) Terphenyl-d14	19.84	244	57216	3.74	ng	0.00

Target Compounds

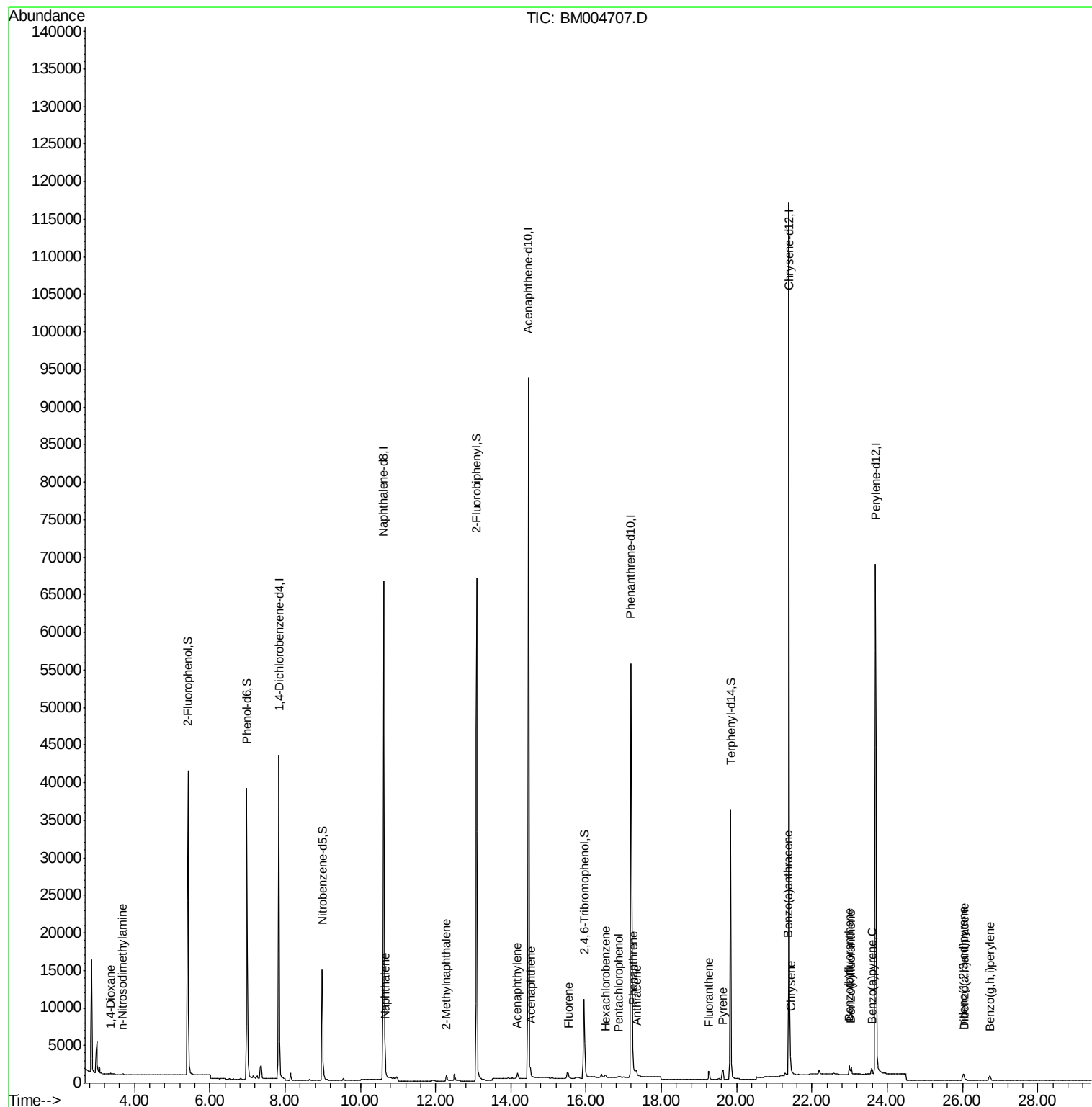
						Qvalue
2) 1,4-Dioxane	3.37	88	260	0.02	ng	# 76
3) n-Nitrosodimethylamine	3.68	42	94	0.03	ng	# 95
8) Naphthalene	10.66	128	1392	0.05	ng	# 88
9) 2-Methylnaphthalene	12.29	142	846	0.04	ng	# 89
13) Acenaphthylene	14.17	152	963	0.03	ng	100
14) Acenaphthene	14.53	154	1017	0.05	ng	86
15) Fluorene	15.53	166	868	0.04	ng	# 98
17) Hexachlorobenzene	16.53	284	294	0.04	ng	# 100
18) Pentachlorophenol	16.86	266	103	0.15	ng	# 71
19) Phenanthrene	17.24	178	1989	0.05	ng	# 94
20) Anthracene	17.34	178	1087	0.04	ng	99
21) Fluoranthene	19.26	202	1594	0.04	ng	98
23) Pyrene	19.64	202	1709	0.04	ng	98
25) Benzo(a)anthracene	21.37	228	1815m	0.04	ng	
26) Chrysene	21.43	228	1679m	0.05	ng	
27) Indeno(1,2,3-cd)pyrene	26.02	276	1394	0.03	ng	99
29) Benzo(b)fluoranthene	22.99	252	1535	0.04	ng	# 69
30) Benzo(k)fluoranthene	23.04	252	1502	0.04	ng	# 67
31) Benzo(a)pyrene	23.59	252	1233	0.04	ng	# 55
32) Dibenzo(a,h)anthracene	26.04	278	1071	0.04	ng	# 66
33) Benzo(g,h,i)perylene	26.73	276	1325	0.04	ng	# 82

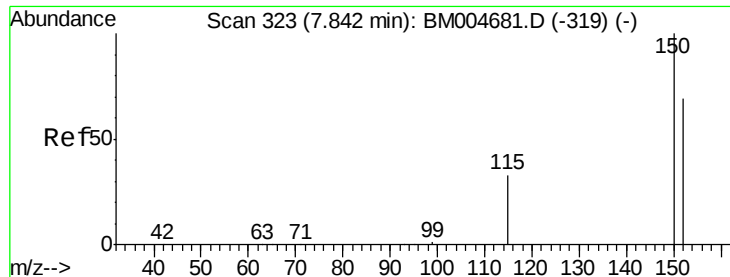
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampled :

MDL-07-W

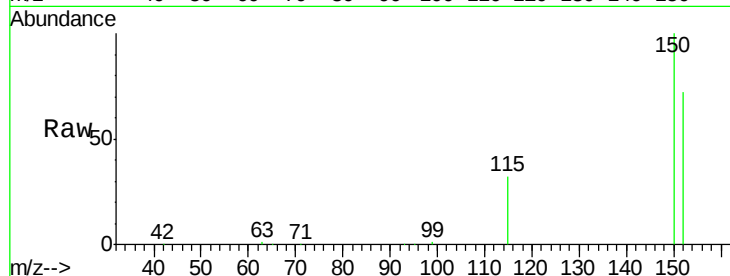
Tgt Ion: 152 Resp: 28537

Ion Ratio Lower Upper

152 100

150 139.5 115.9 173.9

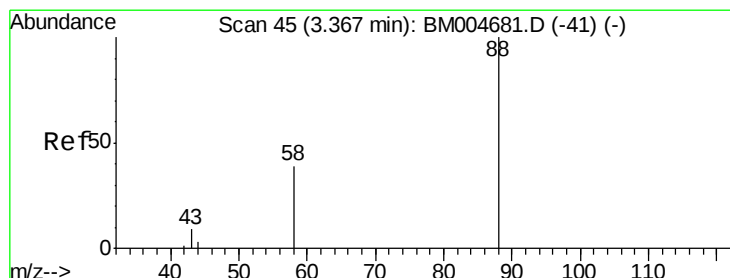
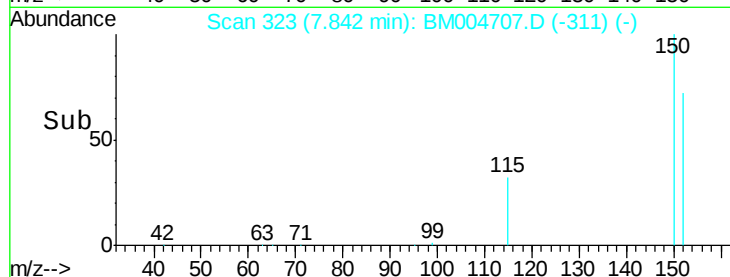
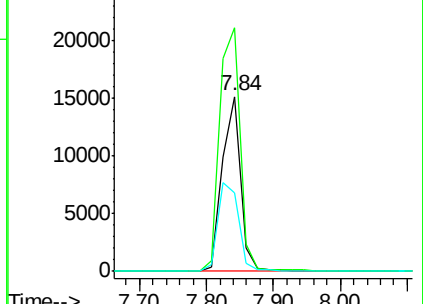
115 44.7 38.4 57.6



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: 0.02 ng

RT: 3.37 min Scan# 45

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

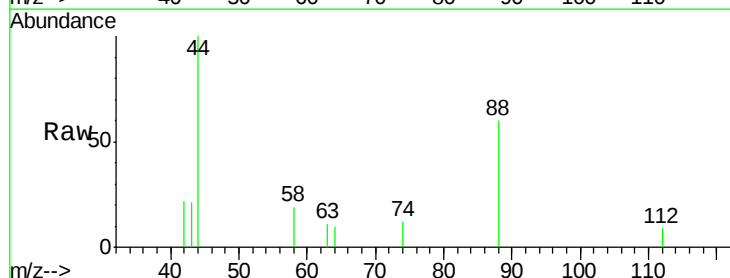
Tgt Ion: 88 Resp: 260

Ion Ratio Lower Upper

88 100

58 34.6 43.9 65.9#

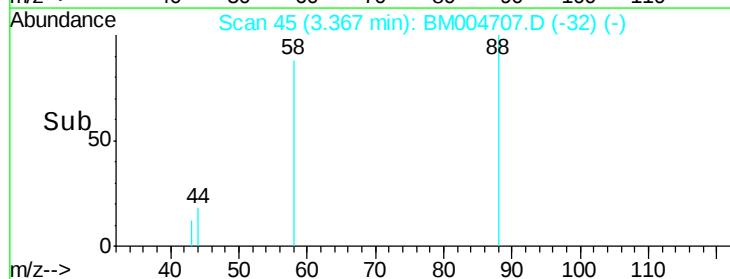
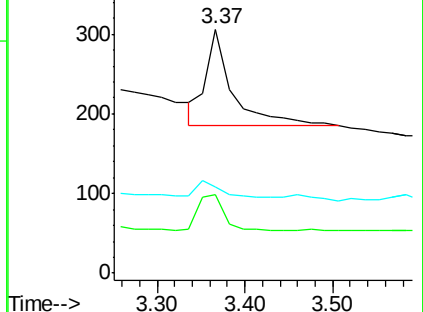
43 18.1 19.9 29.9#

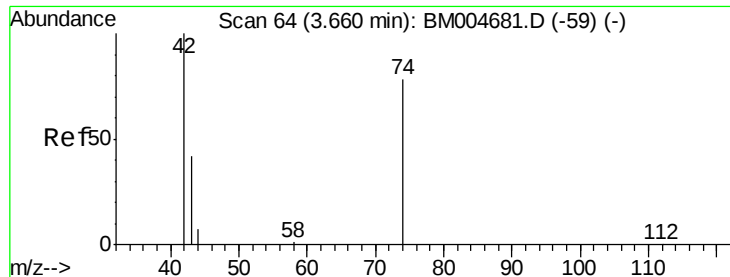


Abundance Ion 88.00 (87.70 to 88.70): BM0

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: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

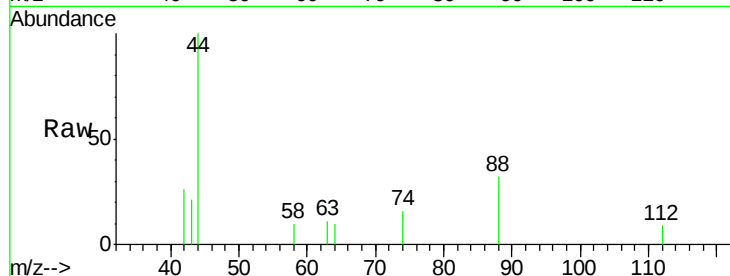
Tgt Ion: 42 Resp: 94

Ion Ratio Lower Upper

42 100

74 150.0 120.9 181.3

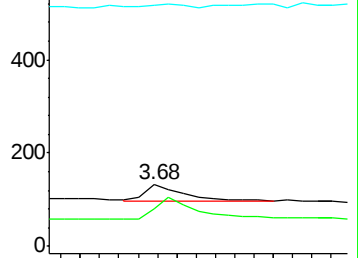
44 35.1 6.0 9.0#



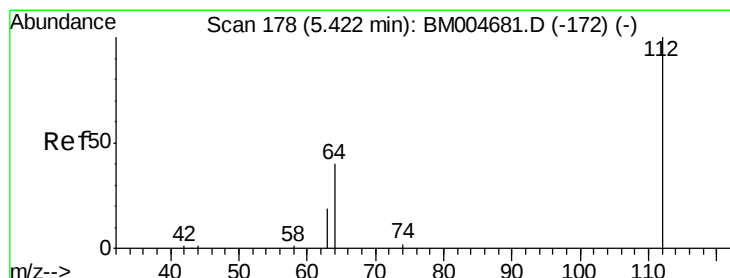
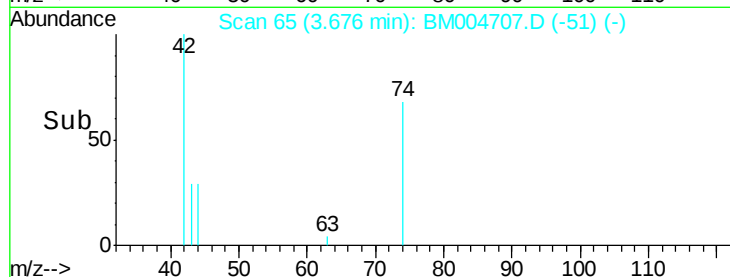
Abundance Ion 42.00 (41.70 to 42.70): BM004681.D (-59) (-)

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: 6.12 ng

RT: 5.42 min Scan# 178

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

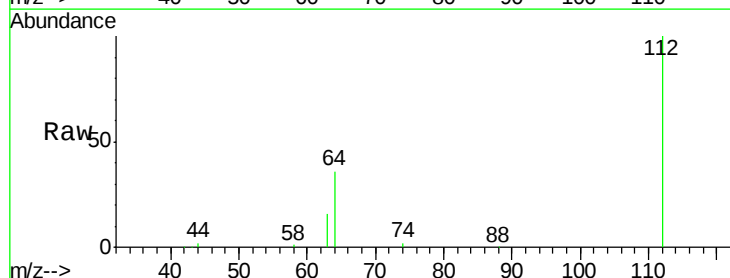
Tgt Ion: 112 Resp: 40311

Ion Ratio Lower Upper

112 100

64 46.3 37.0 55.6

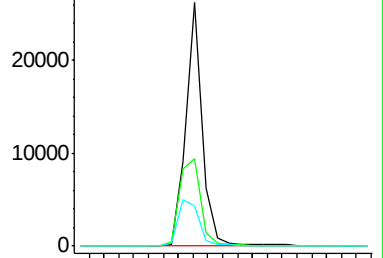
63 23.8 19.3 28.9



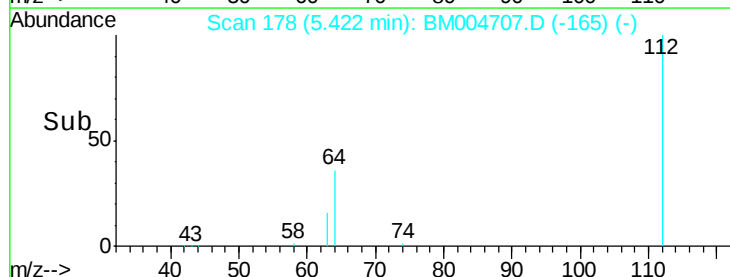
Abundance Ion 112.00 (111.70 to 112.70): BM004681.D (-172) (-)

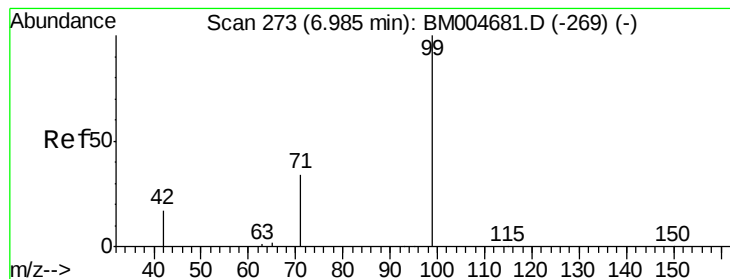
Ion 64.00 (63.70 to 64.70): BM004681.D (-172) (-)

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



Time-->





#5

Phenol-d6

Concen: 5.88 ng

RT: 6.99 min Scan# 273

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

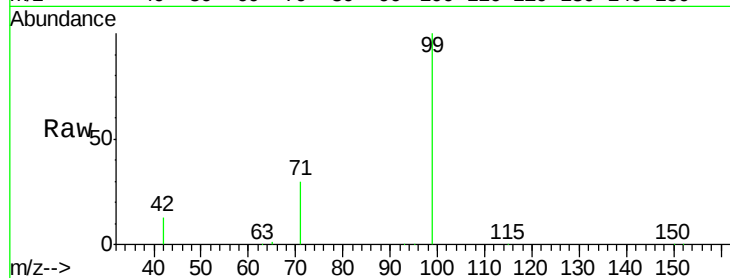
Tgt Ion: 99 Resp: 47421

Ion Ratio Lower Upper

99 100

42 14.1 12.7 19.1

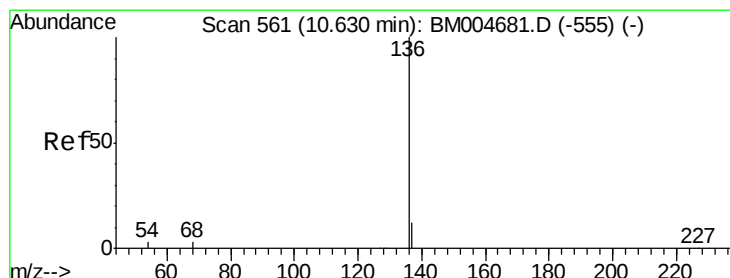
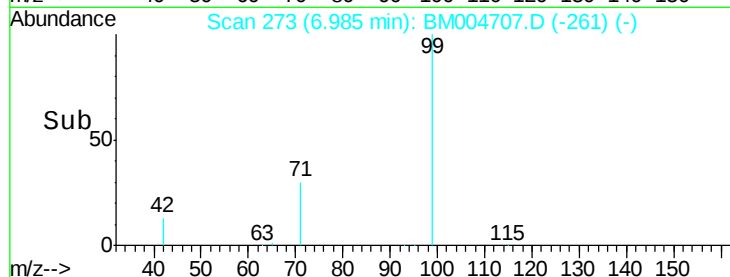
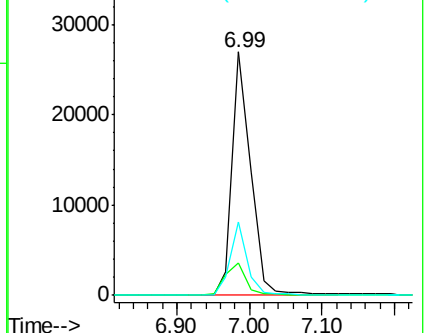
71 27.7 22.9 34.3



Abundance Ion 99.00 (98.70 to 99.70): BM004707.D (-261) (-)

Ion 42.00 (41.70 to 42.70): BM004707.D (-261) (-)

Ion 71.00 (70.70 to 71.70): BM004707.D (-261) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.61 min Scan# 560

Delta R.T. -0.02 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

Tgt Ion: 136 Resp: 111762

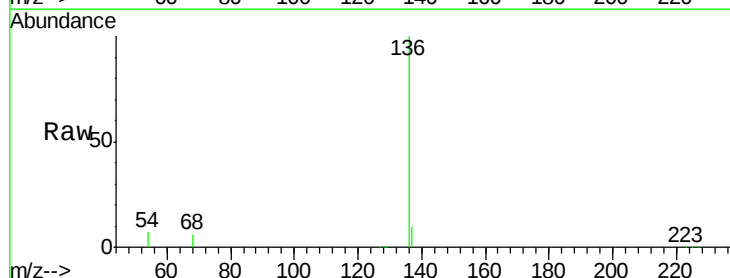
Ion Ratio Lower Upper

136 100

137 10.3 9.4 14.2

54 6.8 2.2 3.4#

68 5.7 2.2 3.4#

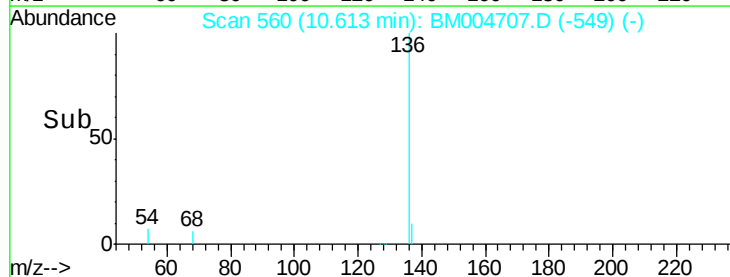
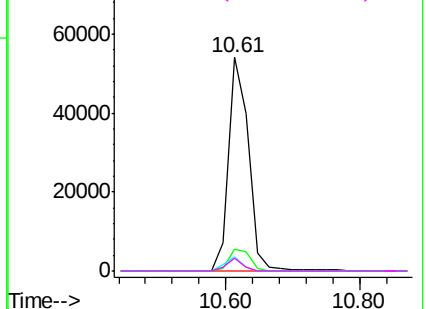


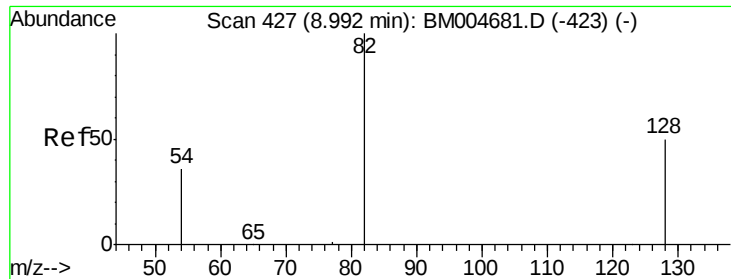
Abundance Ion 136.00 (135.70 to 136.70): BM004707.D (-549) (-)

Ion 137.00 (136.70 to 137.70): BM004707.D (-549) (-)

Ion 54.00 (53.70 to 54.70): BM004707.D (-549) (-)

Ion 68.00 (67.70 to 68.70): BM004707.D (-549) (-)





#7

Nitrobenzene-d5

Concen: 2.96 ng

RT: 8.99 min Scan# 427

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

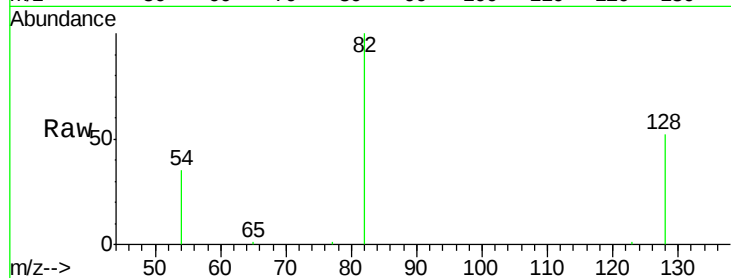
Tgt Ion: 82 Resp: 15938

Ion Ratio Lower Upper

82 100

128 52.1 41.8 62.8

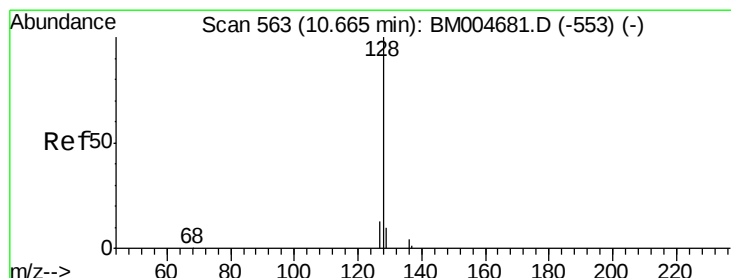
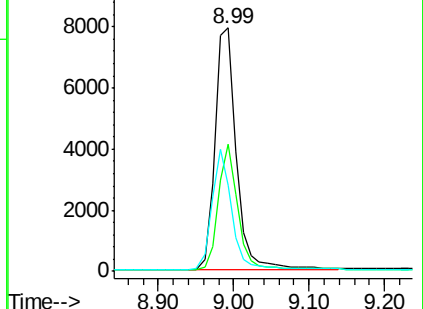
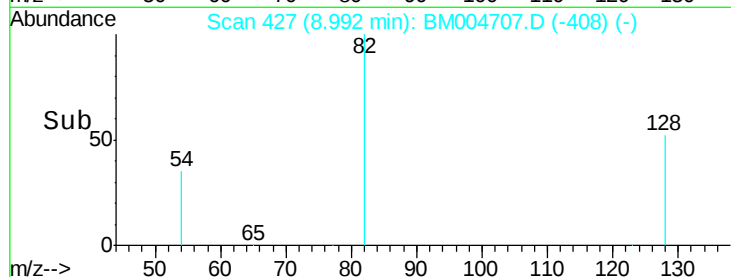
54 35.1 32.9 49.3



Abundance Ion 82.00 (81.70 to 82.70): BM004707.D (-408) (-)

Ion 128.00 (127.70 to 128.70): BM004707.D (-408) (-)

Ion 54.00 (53.70 to 54.70): BM004707.D (-408) (-)



#8

Naphthalene

Concen: 0.05 ng

RT: 10.66 min Scan# 563

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

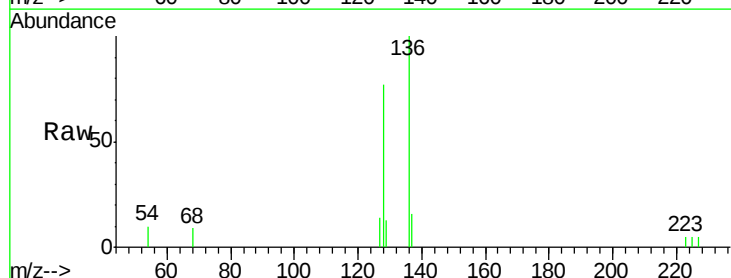
Tgt Ion: 128 Resp: 1392

Ion Ratio Lower Upper

128 100

129 16.6 8.9 13.3#

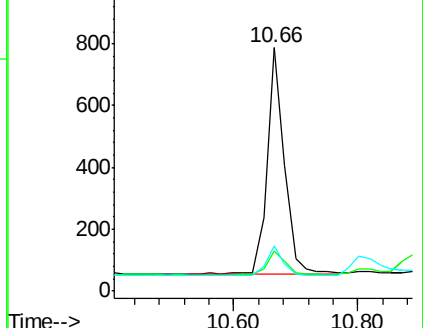
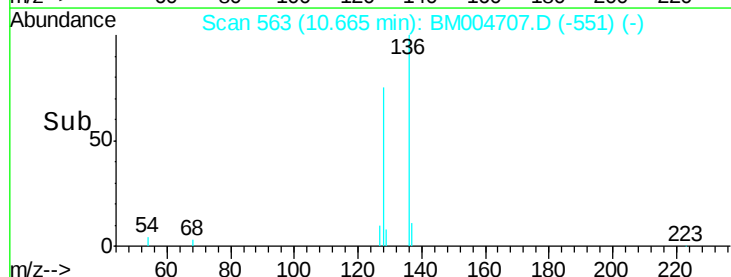
127 18.4 11.3 16.9#

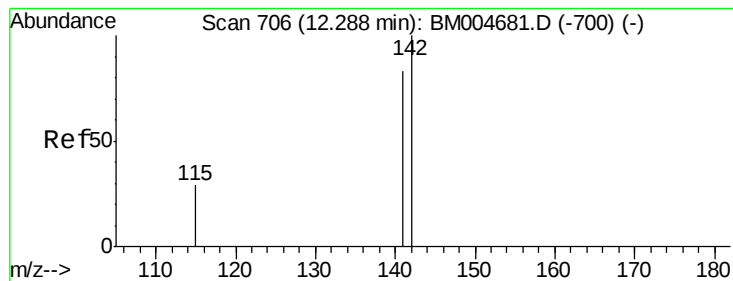


Abundance Ion 128.00 (127.70 to 128.70): BM004707.D (-551) (-)

Ion 129.00 (128.70 to 129.70): BM004707.D (-551) (-)

Ion 127.00 (126.70 to 127.70): BM004707.D (-551) (-)





#9

2-Methylnaphthalene

Concen: 0.04 ng

RT: 12.29 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

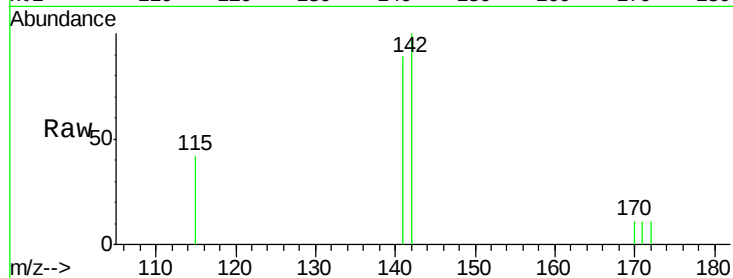
Tgt Ion:142 Resp: 846

Ion Ratio Lower Upper

142 100

141 88.8 66.2 99.2

115 41.9 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

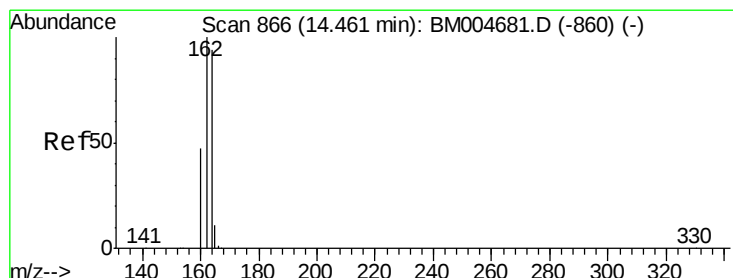
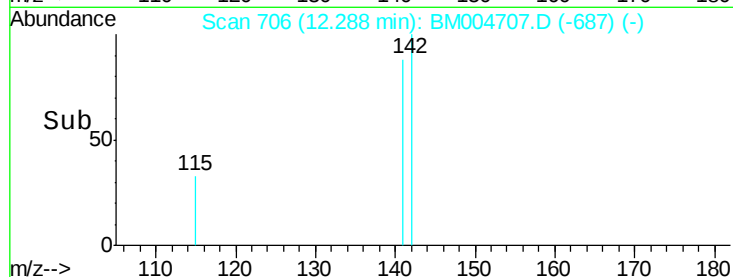
12.29

400

200

0

Time-->



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.46 min Scan# 866

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

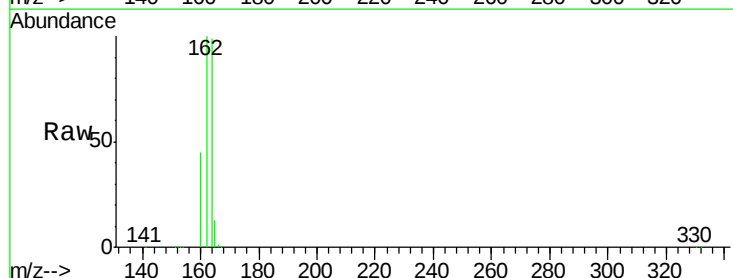
Tgt Ion:164 Resp: 56646

Ion Ratio Lower Upper

164 100

162 100.8 85.4 128.0

160 45.2 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

14.46

50000

40000

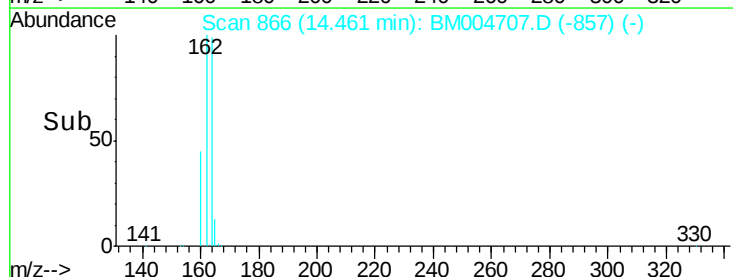
30000

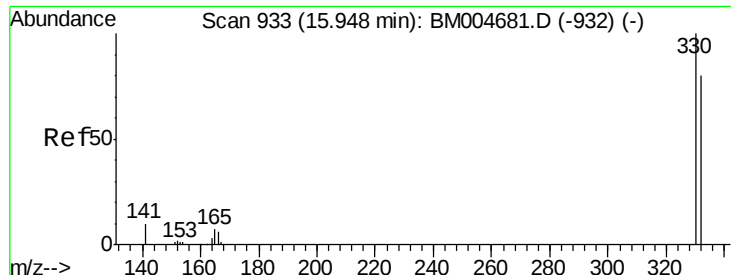
20000

10000

0

Time-->

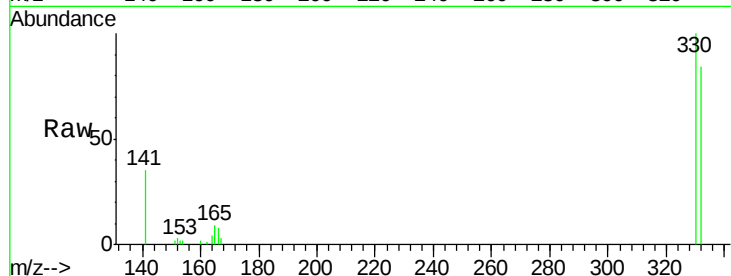




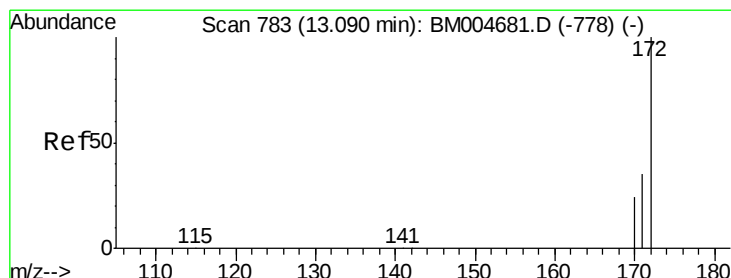
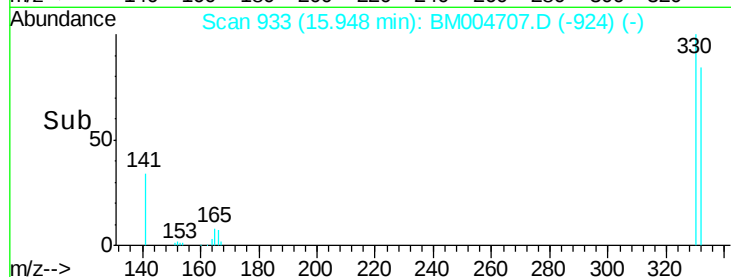
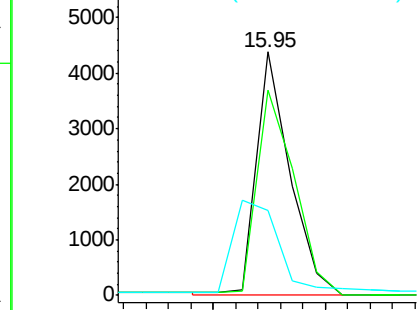
#11
 2,4,6-Tribromophenol
 Concen: 4.90 ng
 RT: 15.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004707.D
 Acq: 20 Mar 2016 15:40

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Tgt Ion:330 Resp: 9202
 Ion Ratio Lower Upper
 330 100
 332 94.3 93.9 140.9
 141 0.0 42.2 63.2#

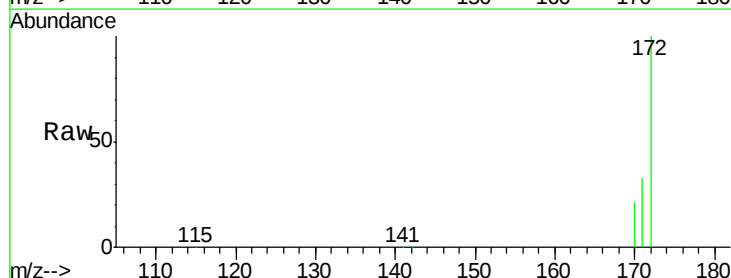


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

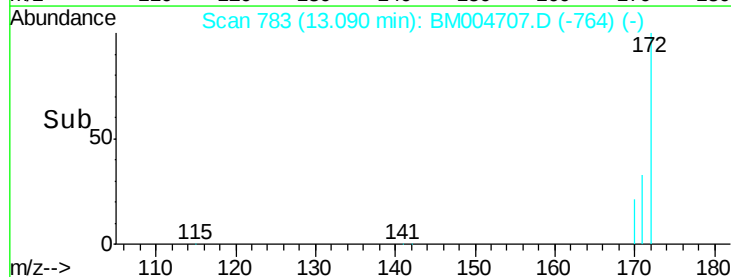
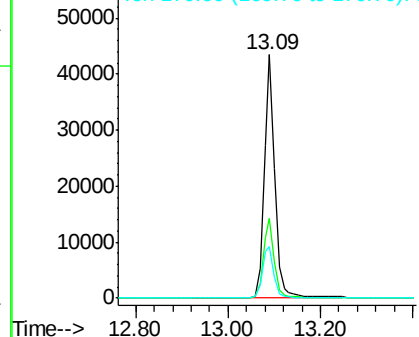


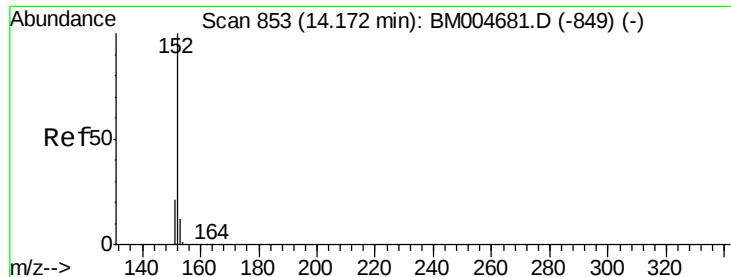
#12
 2-Fluorobiphenyl
 Concen: 4.26 ng
 RT: 13.09 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BM004707.D
 Acq: 20 Mar 2016 15:40

Tgt Ion:172 Resp: 68990
 Ion Ratio Lower Upper
 172 100
 171 32.9 28.2 42.2
 170 21.2 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: 0.03 ng

RT: 14.17 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

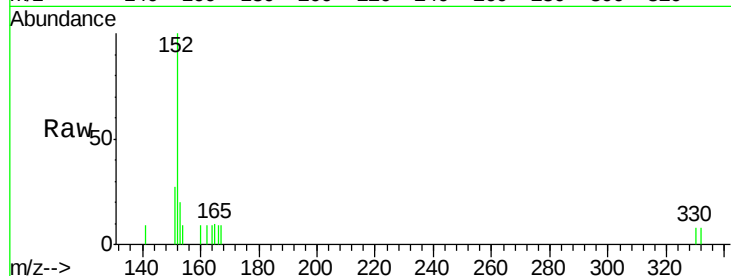
Tgt Ion:152 Resp: 963

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 12.9 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

600

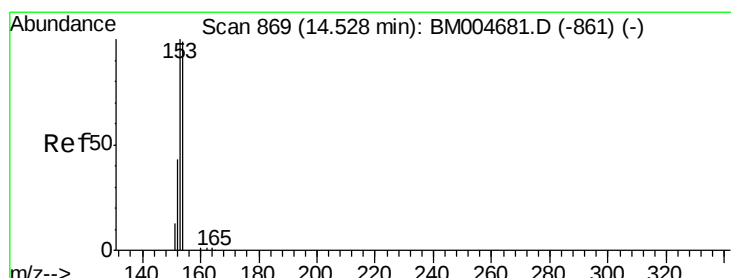
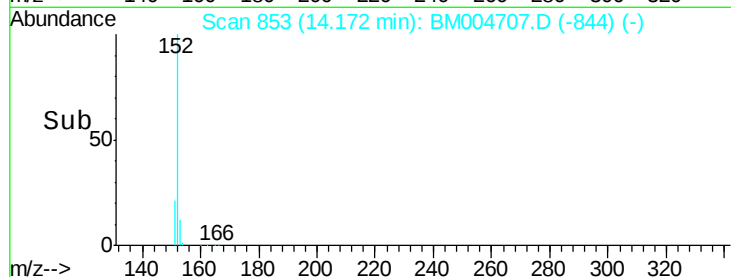
400

200

0

14.10 14.20 14.30

Time-->



#14

Acenaphthene

Concen: 0.05 ng

RT: 14.53 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

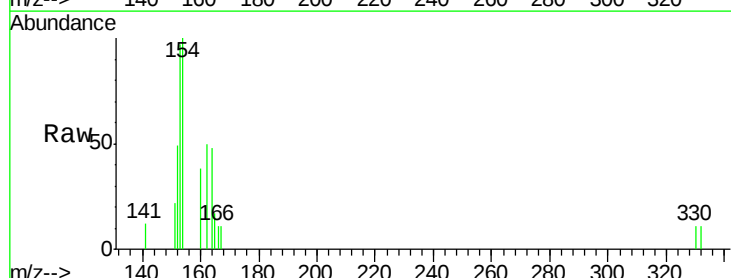
Tgt Ion:154 Resp: 1017

Ion Ratio Lower Upper

154 100

153 88.7 83.8 125.6

152 42.6 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

500

400

300

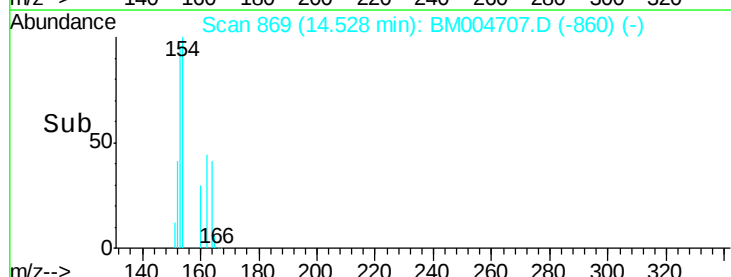
200

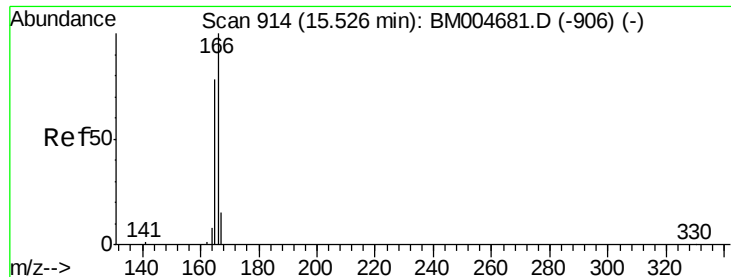
100

0

14.40 14.60

Time-->





#15

Fluorene

Concen: 0.04 ng

RT: 15.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

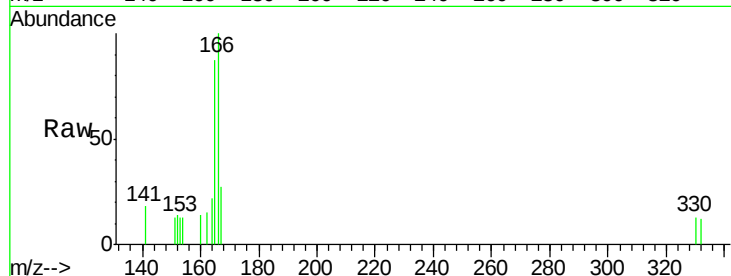
Tgt Ion:166 Resp: 868

Ion Ratio Lower Upper

166 100

165 0.0 0.0 0.0

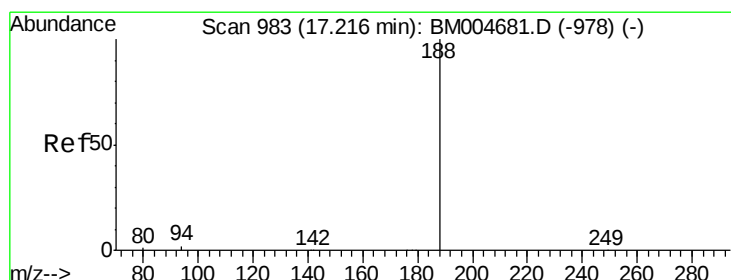
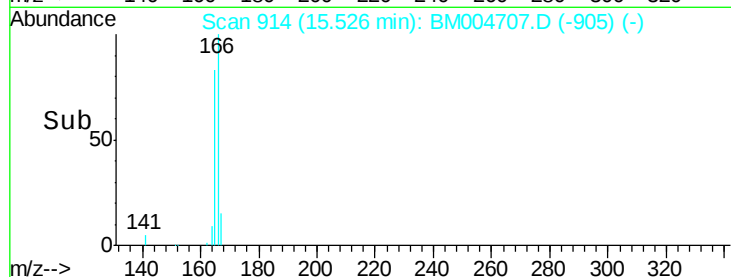
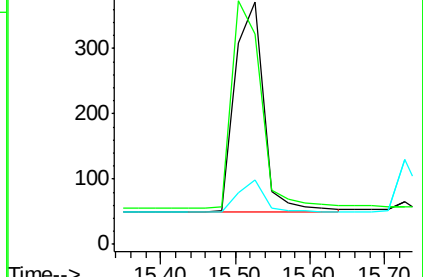
167 13.9 10.6 15.8



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: BM004707.D

Acq: 20 Mar 2016 15:40

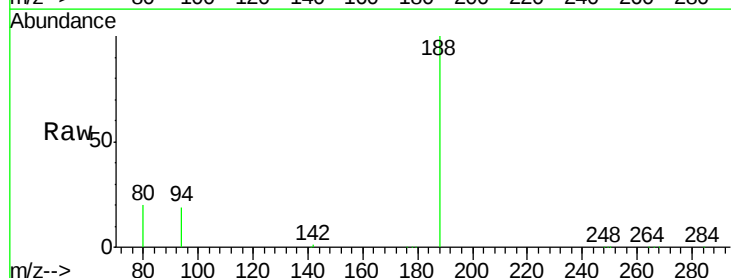
Tgt Ion:188 Resp: 106929

Ion Ratio Lower Upper

188 100

94 19.1 1.4 2.0#

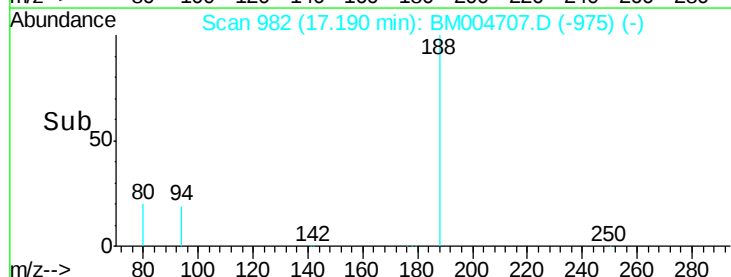
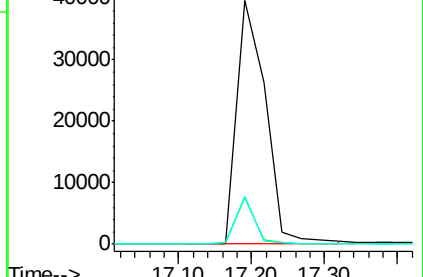
80 19.7 1.0 1.6#

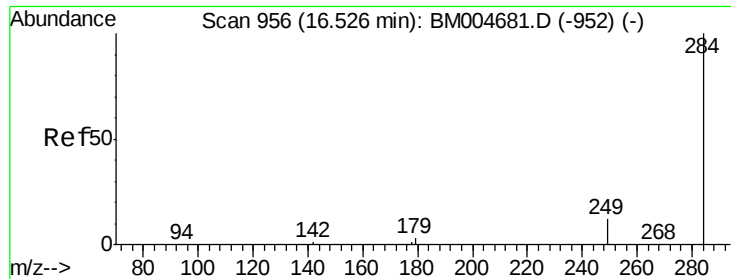


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

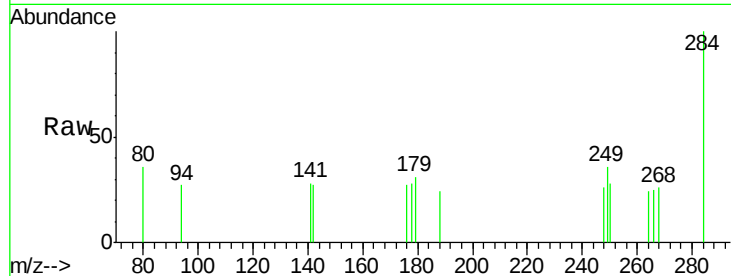




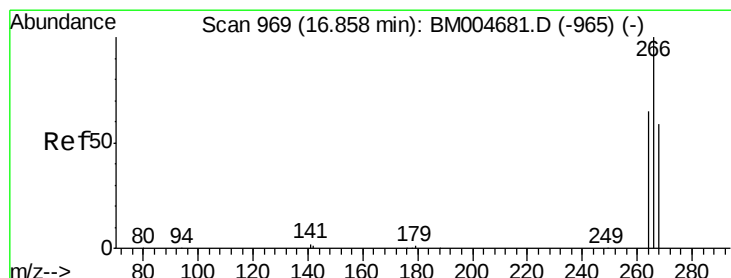
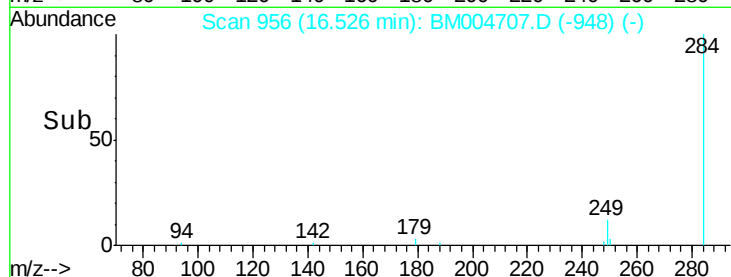
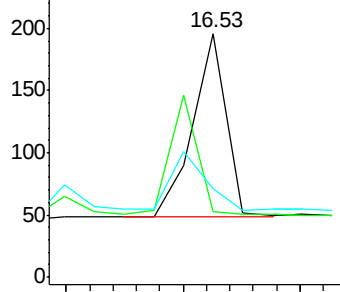
#17
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM004707.D
Acq: 20 Mar 2016 15:40

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion: 284 Resp: 294
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

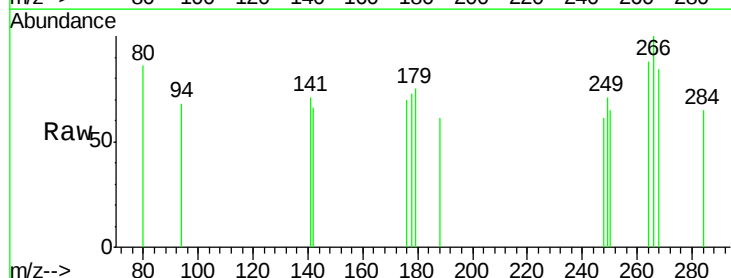


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

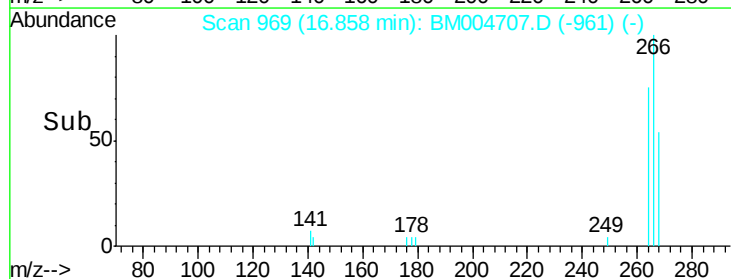
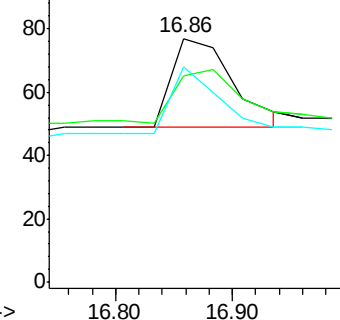


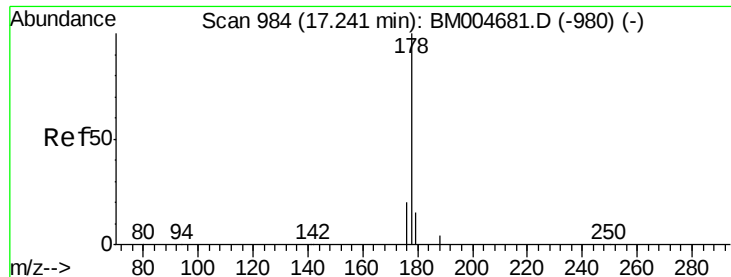
#18
Pentachlorophenol
Concen: 0.15 ng
RT: 16.86 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM004707.D
Acq: 20 Mar 2016 15:40

Tgt Ion: 266 Resp: 103
Ion Ratio Lower Upper
266 100
268 84.4 49.1 73.7#
264 88.3 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: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

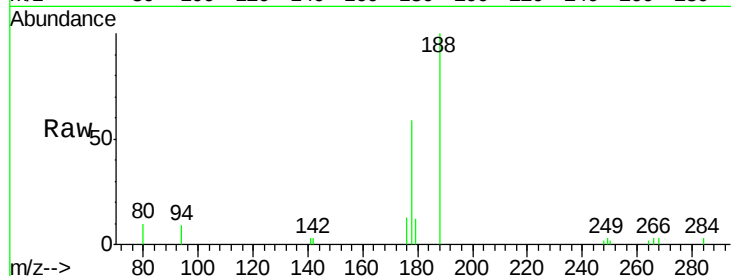
Tgt Ion:178 Resp: 1989

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

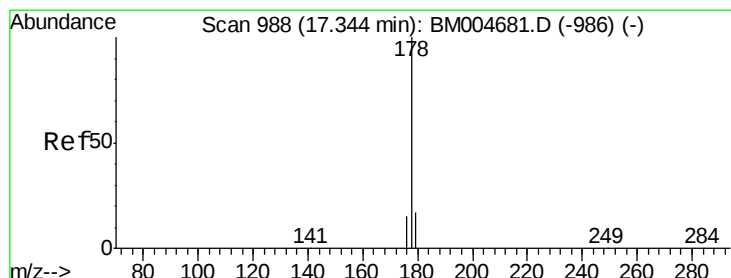
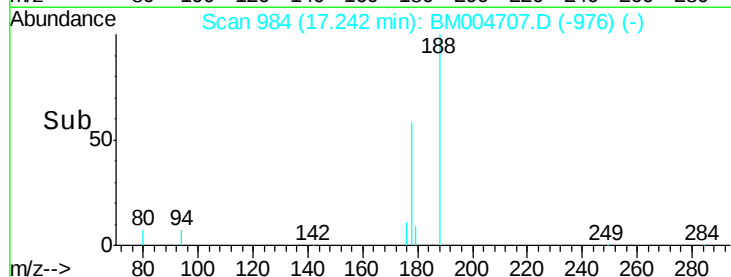
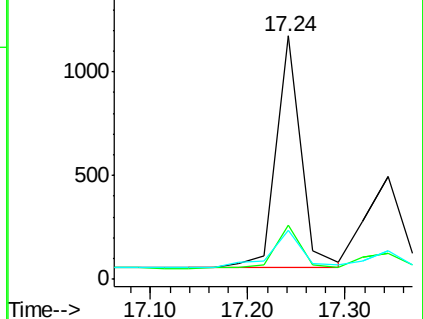
179 20.1 12.2 18.4#



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: BM004707.D

Acq: 20 Mar 2016 15:40

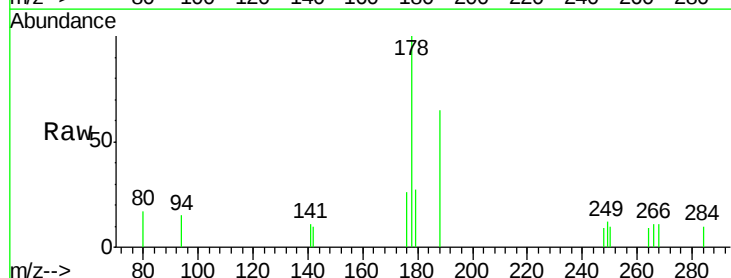
Tgt Ion:178 Resp: 1087

Ion Ratio Lower Upper

178 100

176 19.0 14.5 21.7

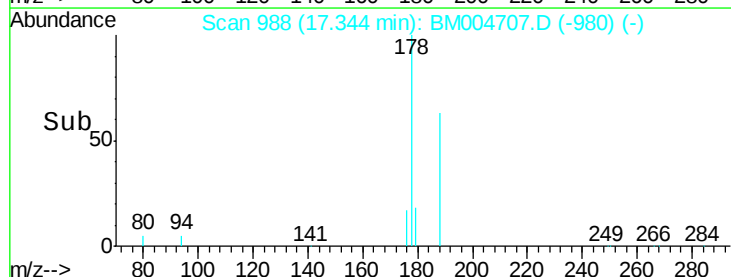
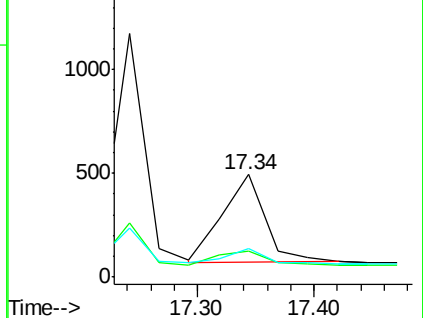
179 15.6 12.6 18.8

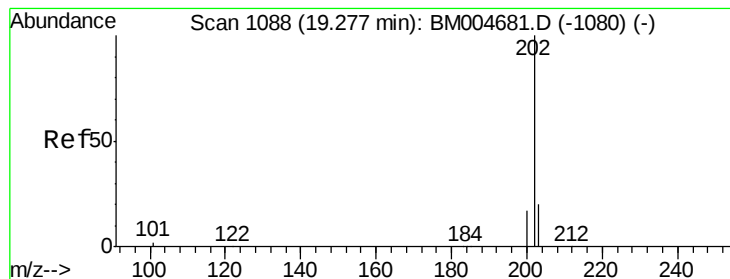


Abundance Ion 178.00 (177.70 to 178.70): E

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: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

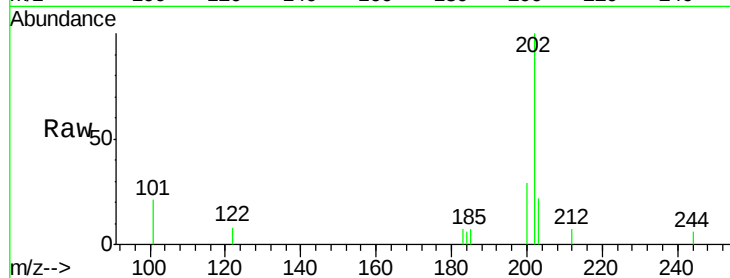
Tgt Ion: 202 Resp: 1594

Ion Ratio Lower Upper

202 100

101 10.5 8.7 13.1

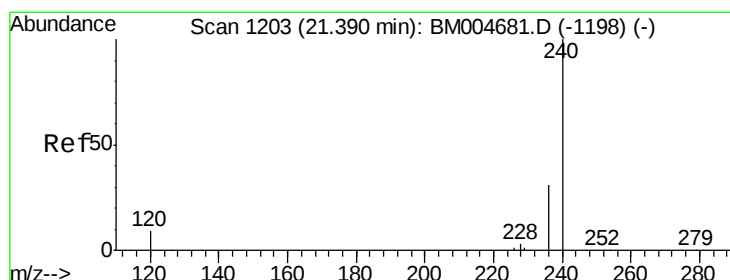
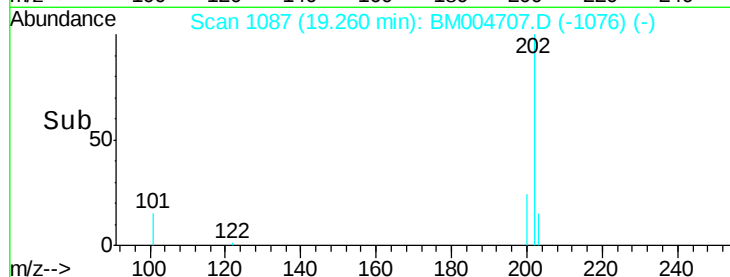
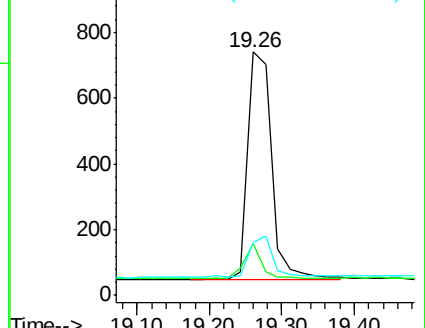
203 18.4 14.1 21.1



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



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.39 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

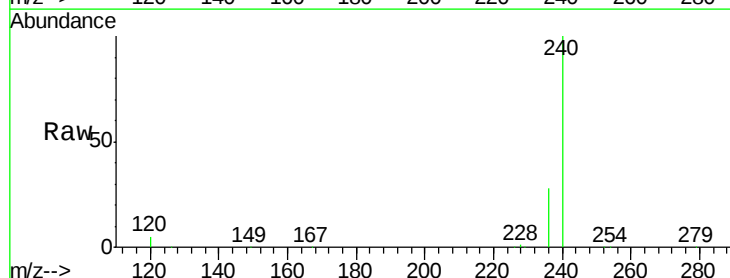
Tgt Ion: 240 Resp: 121160

Ion Ratio Lower Upper

240 100

120 5.4 7.4 11.2#

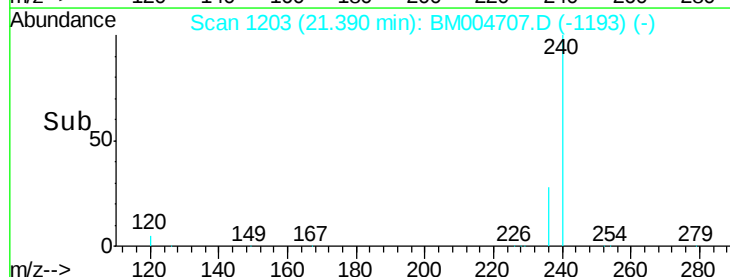
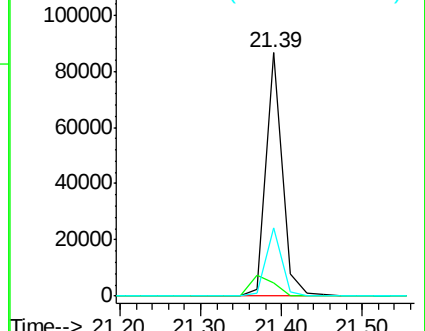
236 28.1 24.5 36.7

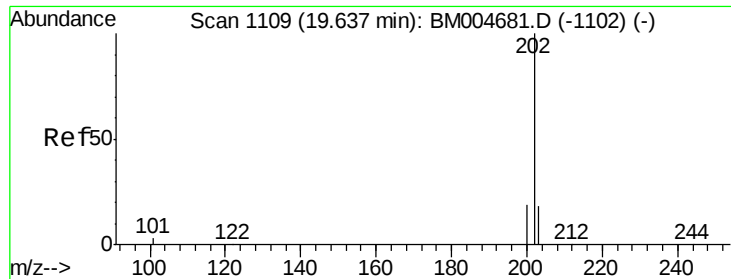


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

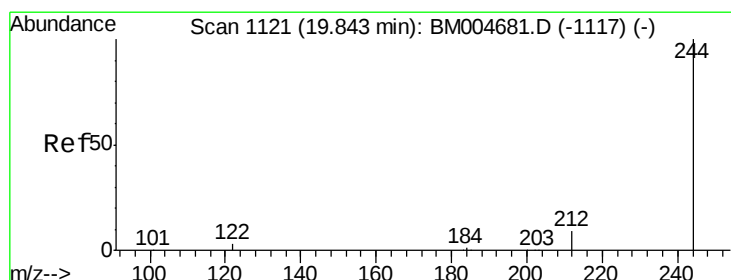
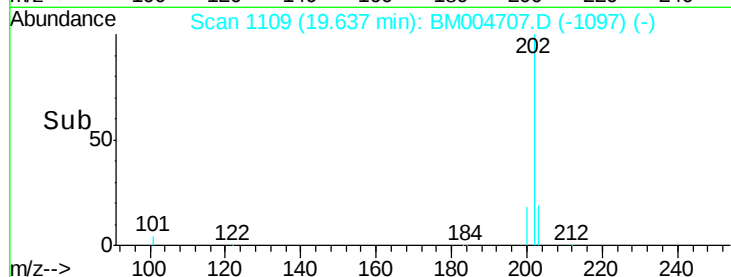
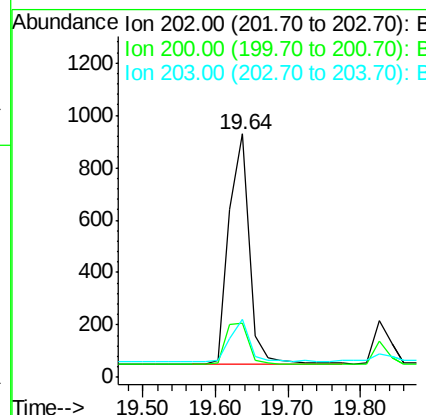
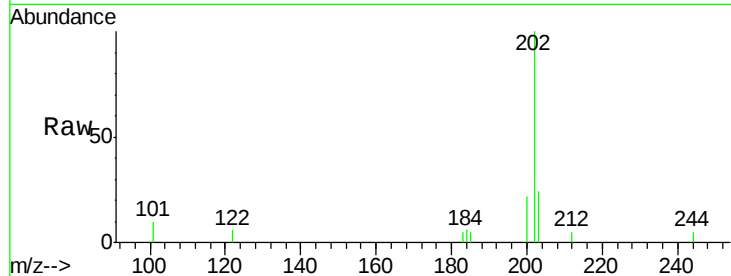




#23
Pyrene
Concen: 0.04 ng
RT: 19.64 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM004707.D
Acq: 20 Mar 2016 15:40

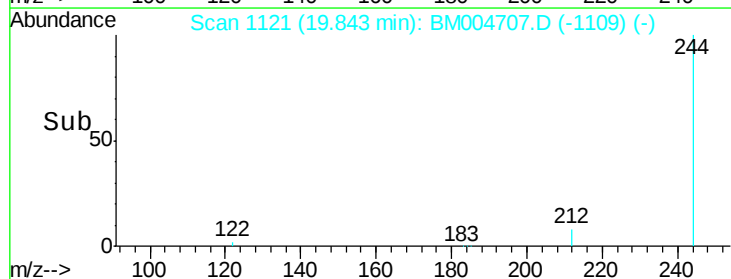
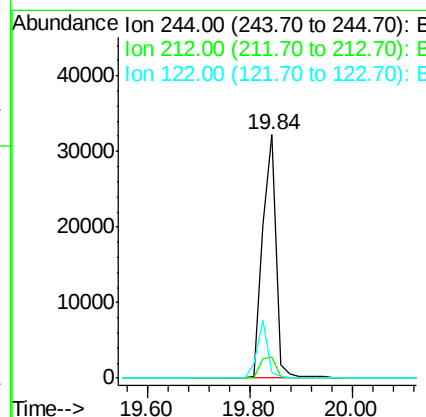
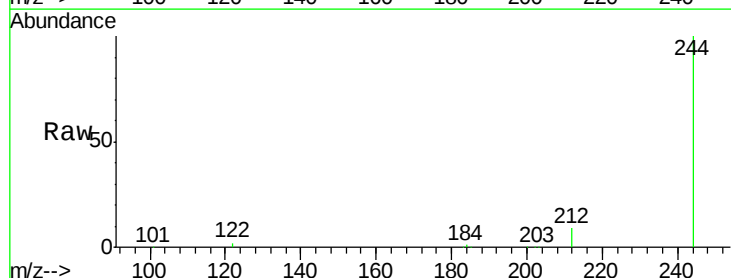
Instrument :
BNA_M
ClientSampleId :
MDL-07-W

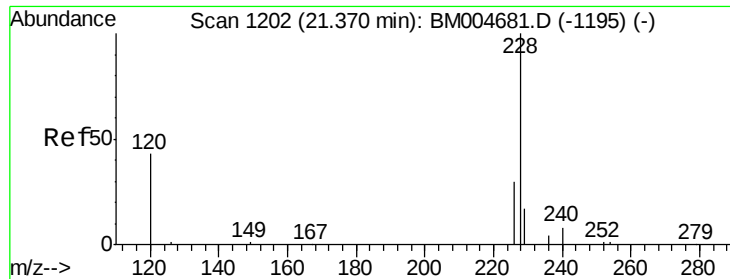
Tgt Ion: 202 Resp: 1709
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 19.5 13.9 20.9



#24
Terphenyl-d14
Concen: 3.74 ng
RT: 19.84 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM004707.D
Acq: 20 Mar 2016 15:40

Tgt Ion: 244 Resp: 57216
Ion Ratio Lower Upper
244 100
212 8.6 7.7 11.5
122 2.1 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: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

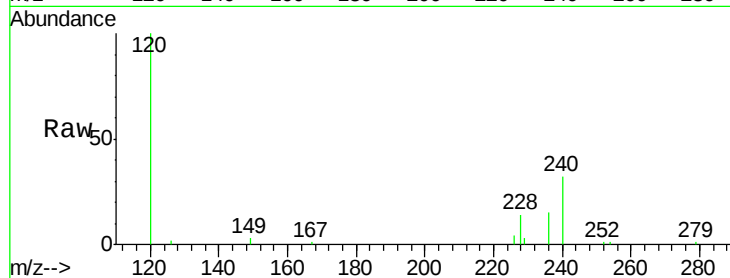
Tgt Ion:228 Resp: 1815

Ion Ratio Lower Upper

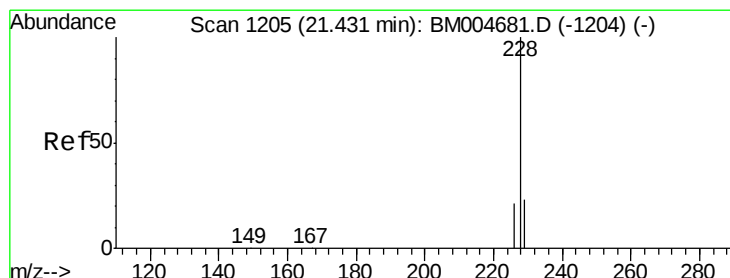
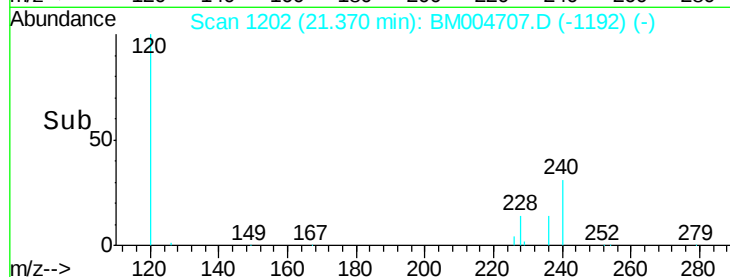
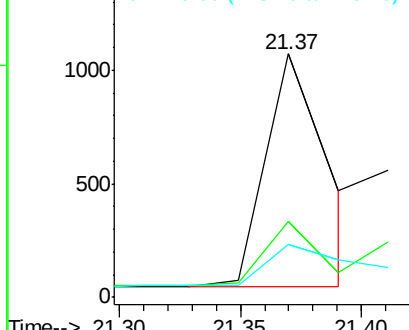
228 100

226 31.2 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: BM004707.D

Acq: 20 Mar 2016 15:40

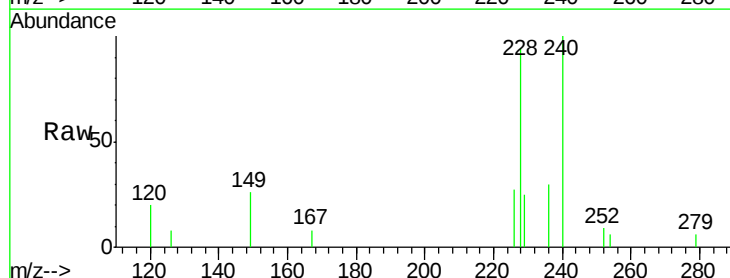
Tgt Ion:228 Resp: 1679

Ion Ratio Lower Upper

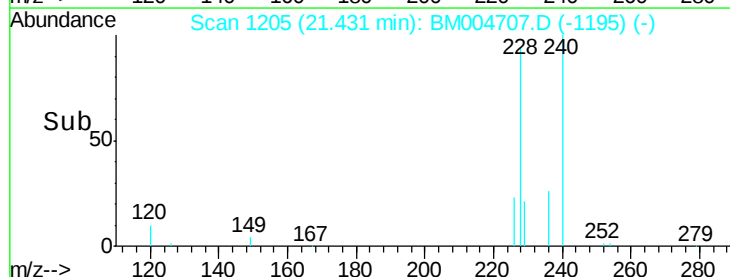
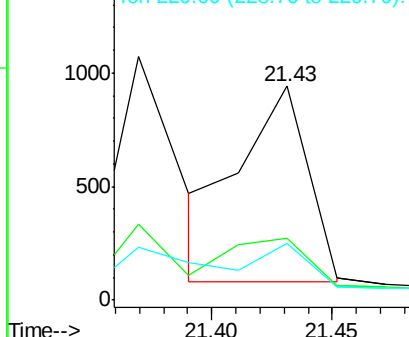
228 100

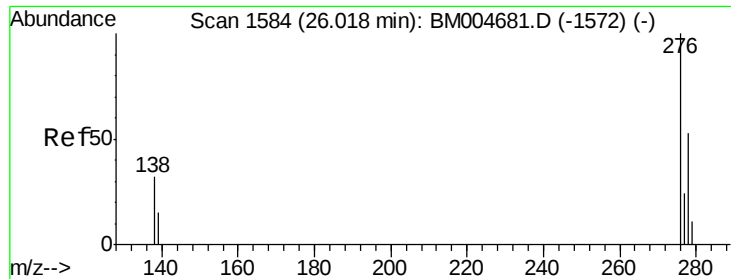
226 29.0 20.9 31.3

229 26.8 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

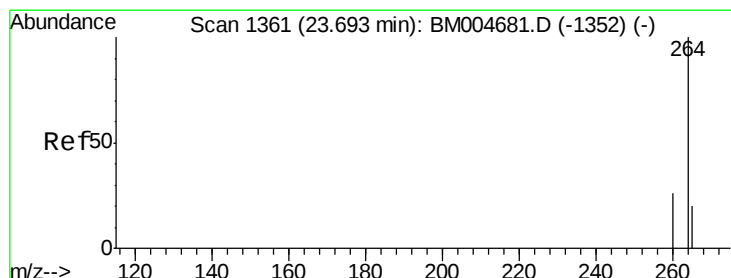
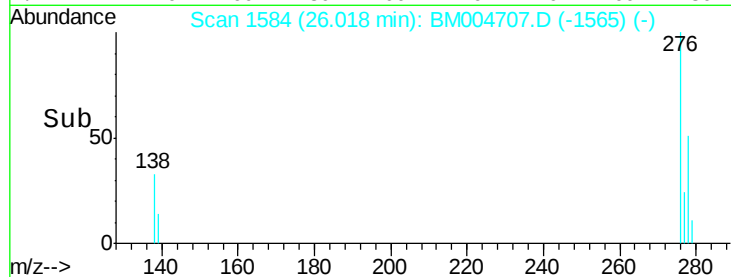
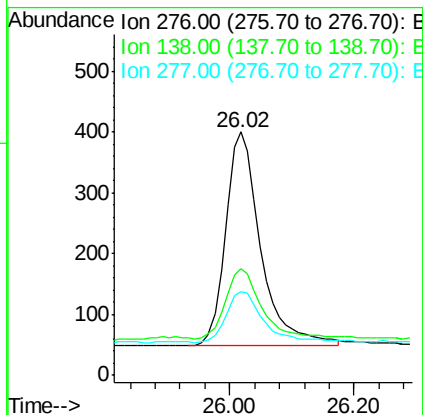
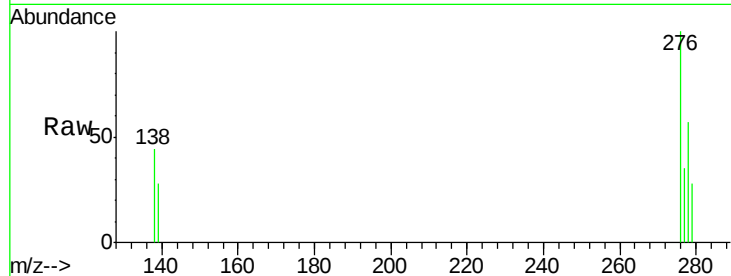




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.02 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BM004707.D
Acq: 20 Mar 2016 15:40

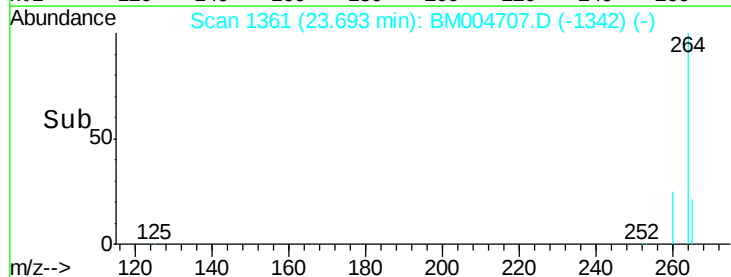
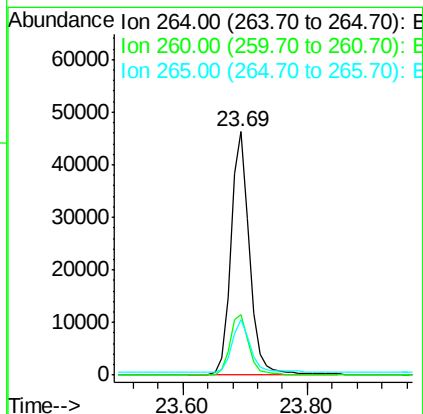
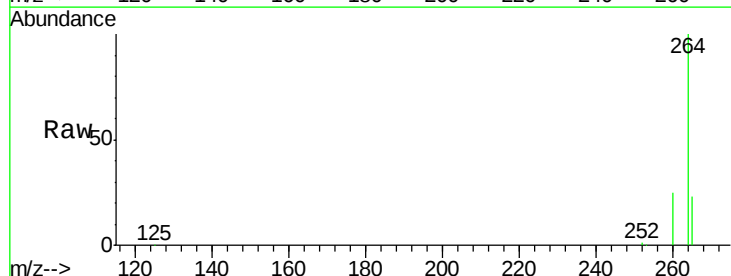
Instrument :
BNA_M
ClientSampleId :
MDL-07-W

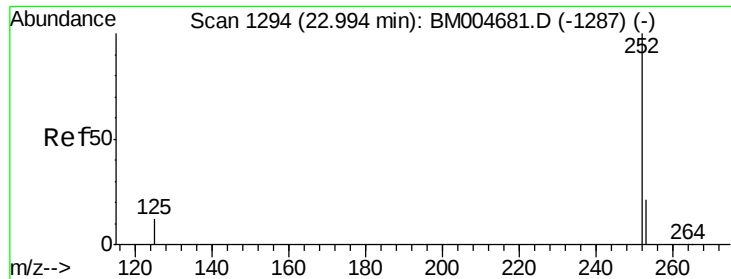
Tgt Ion: 276 Resp: 1394
Ion Ratio Lower Upper
276 100
138 33.3 25.9 38.9
277 25.3 19.8 29.6



#28
Perylene-d12
Concen: 5.00 ng
RT: 23.69 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BM004707.D
Acq: 20 Mar 2016 15:40

Tgt Ion: 264 Resp: 96561
Ion Ratio Lower Upper
264 100
260 25.0 21.0 31.4
265 22.7 17.5 26.3





#29

Benzo(b)fluoranthene

Concen: 0.04 ng

RT: 22.99 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

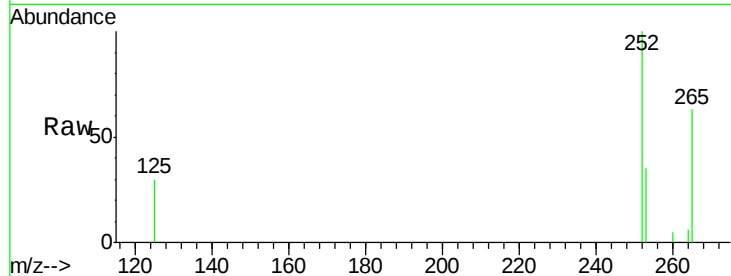
Tgt Ion:252 Resp: 1535

Ion Ratio Lower Upper

252 100

253 34.8 17.9 26.9#

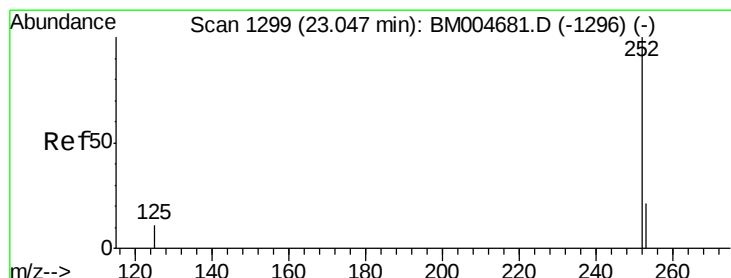
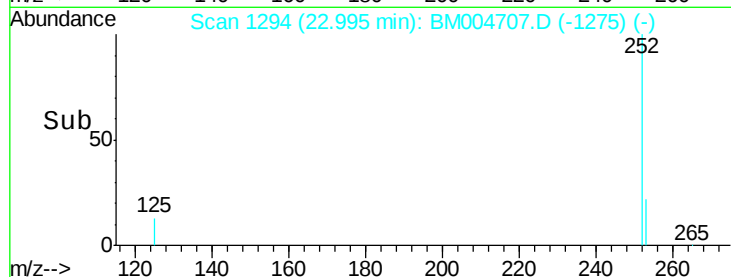
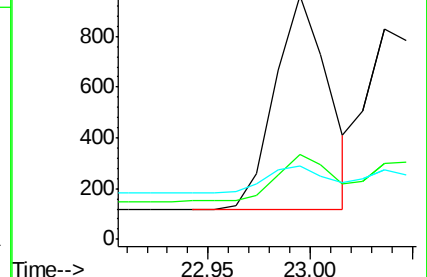
125 30.2 11.4 17.0#



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: 0.04 ng

RT: 23.04 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

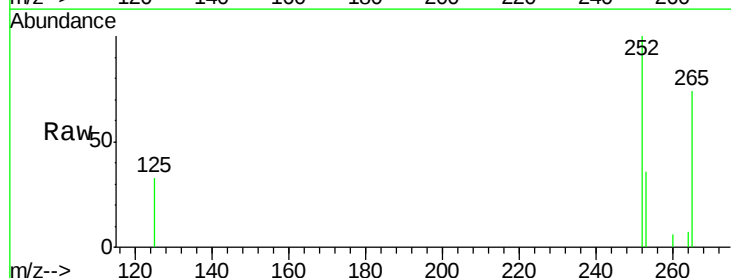
Tgt Ion:252 Resp: 1502

Ion Ratio Lower Upper

252 100

253 36.0 19.3 28.9#

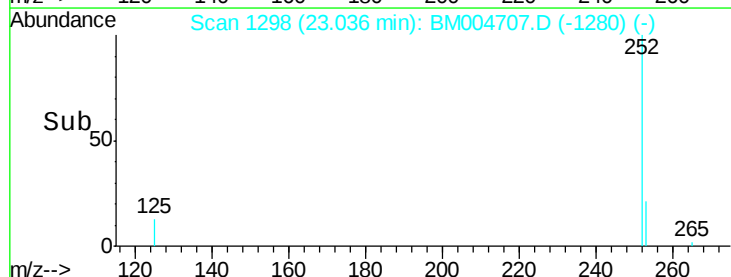
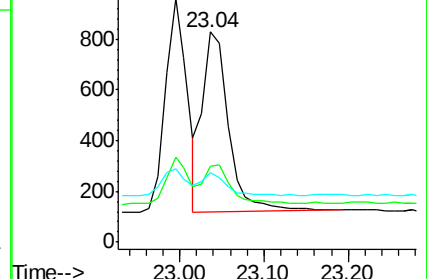
125 33.1 10.6 15.8#

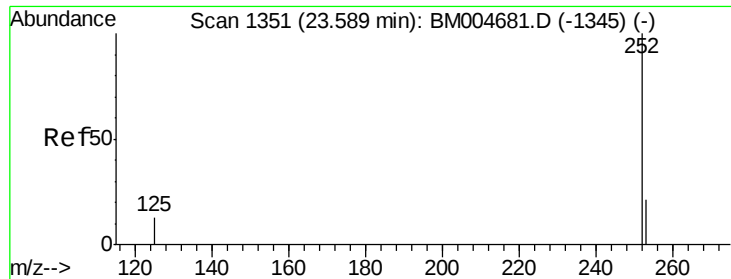


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.59 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

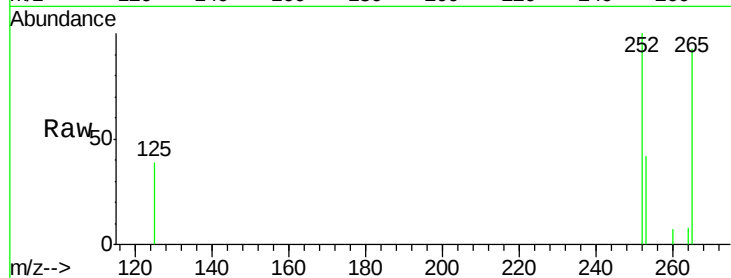
Tgt Ion: 252 Resp: 1233

Ion Ratio Lower Upper

252 100

253 41.8 18.6 28.0#

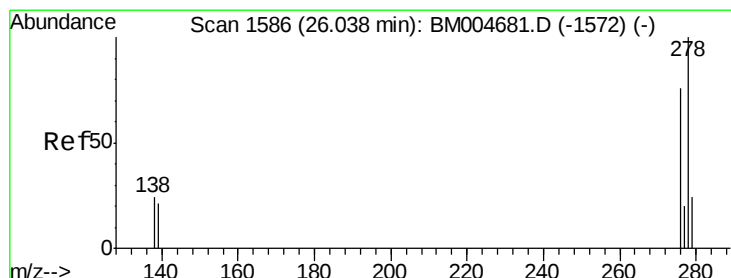
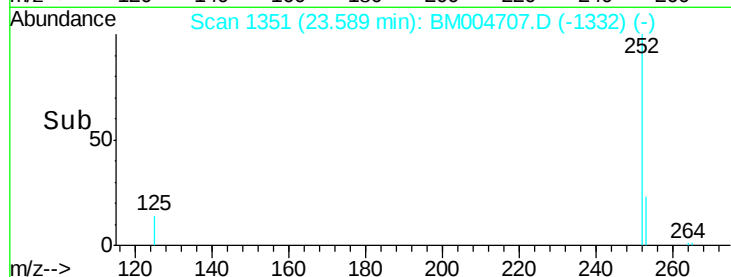
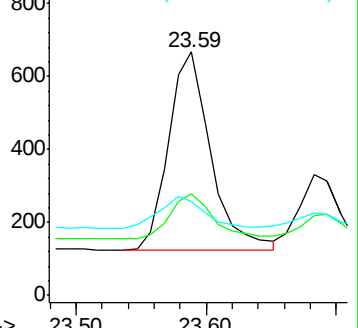
125 38.8 12.3 18.5#



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: 26.04 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BM004707.D

Acq: 20 Mar 2016 15:40

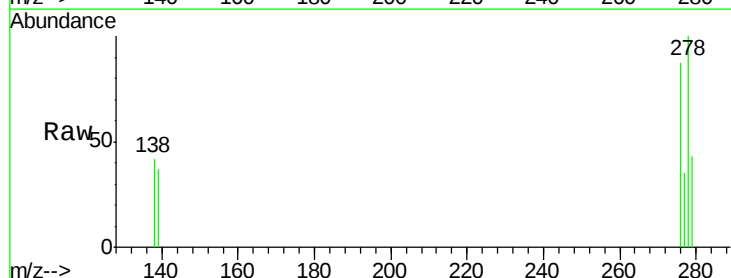
Tgt Ion: 278 Resp: 1071

Ion Ratio Lower Upper

278 100

139 36.6 17.6 26.4#

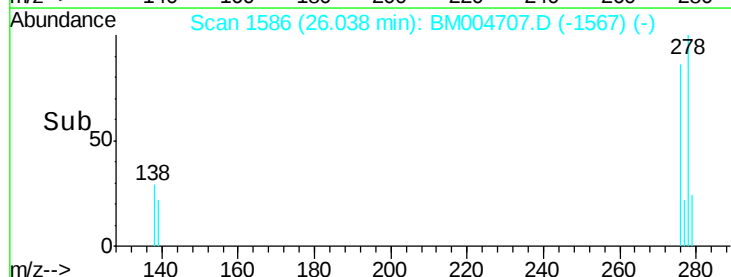
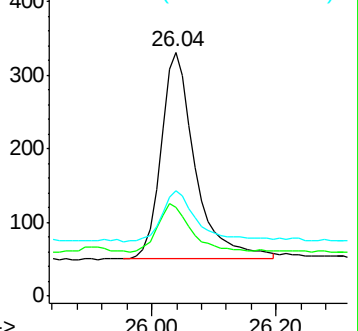
279 43.2 19.9 29.9#

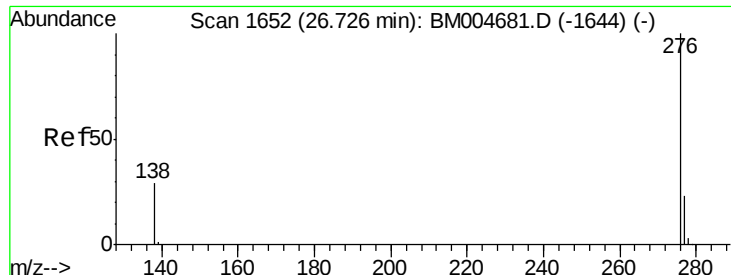


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.04 ng

RT: 26.73 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BM004707.D

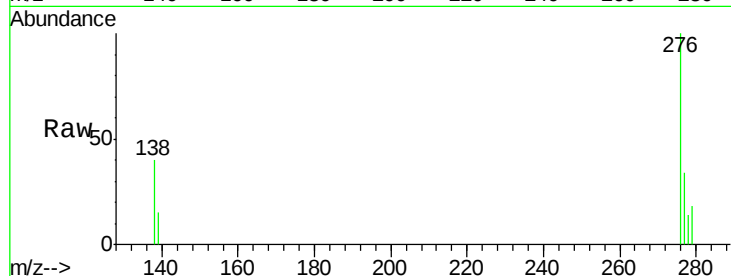
Acq: 20 Mar 2016 15:40

Instrument :

BNA_M

ClientSampleId :

MDL-07-W



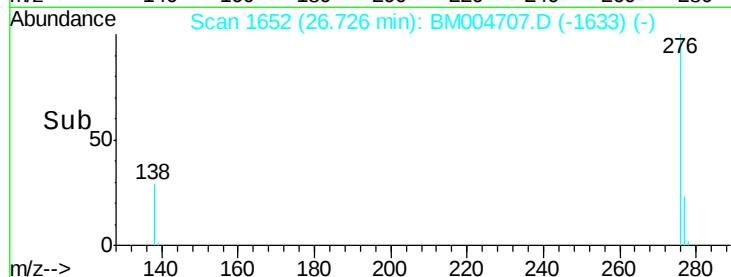
Tgt Ion: 276 Resp: 1325

Ion Ratio Lower Upper

276 100

277 33.6 19.1 28.7#

138 39.6 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

