

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 01:59:32 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

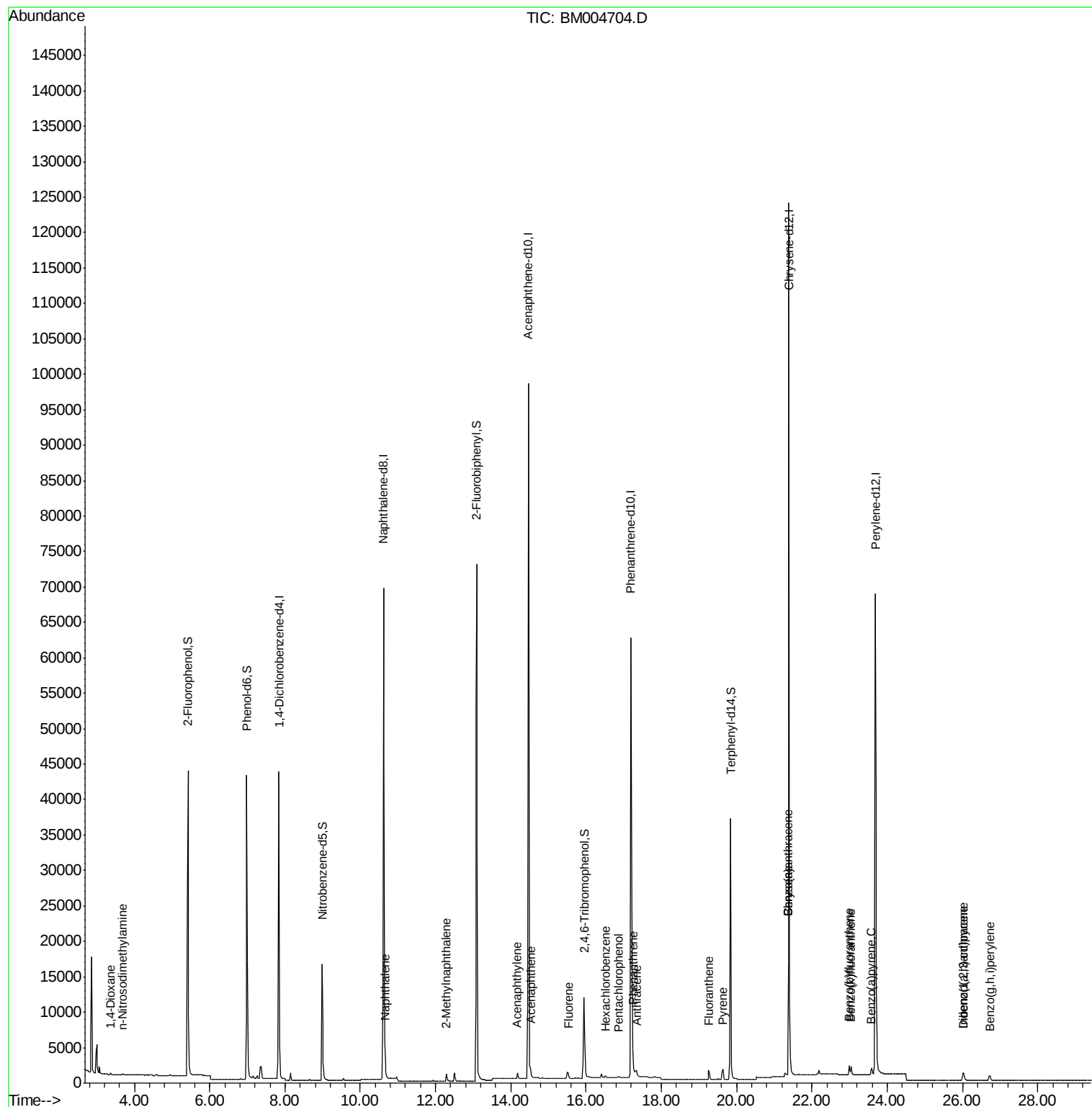
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	295	0.03	ng	# 76
3) n-Nitrosodimethylamine	3.68	42	102	0.03	ng	# 90
8) Naphthalene	10.66	128	1580	0.05	ng	# 90
9) 2-Methylnaphthalene	12.29	142	978	0.05	ng	# 89
13) Acenaphthylene	14.17	152	1157	0.04	ng	100
14) Acenaphthene	14.53	154	1151	0.06	ng	# 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	4179	0.08	ng	# 96
26) Chrysene	21.37	228	4210	0.11	ng	96
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

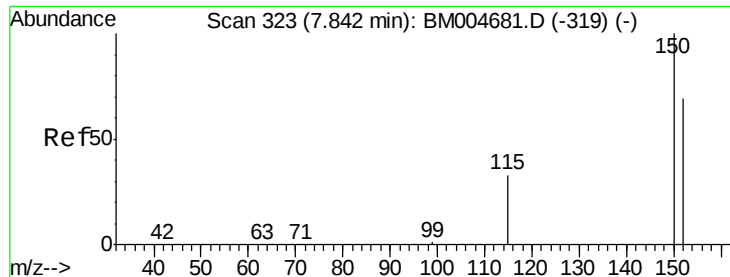
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 01:59:32 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

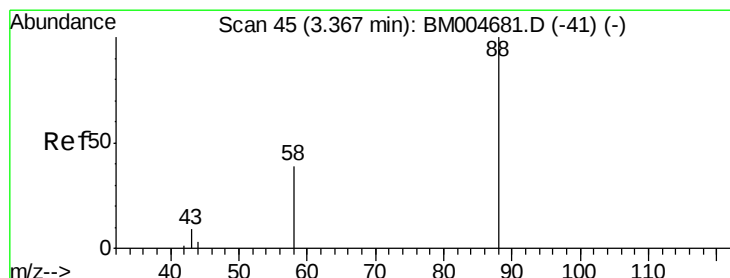
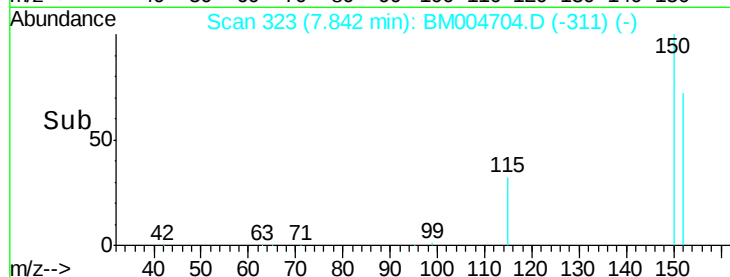
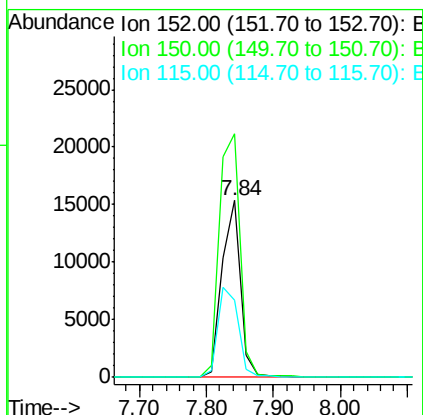
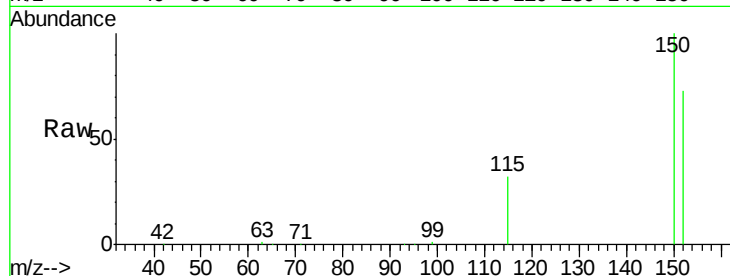




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.84 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BM004704.D
 Acq: 20 Mar 2016 13:53

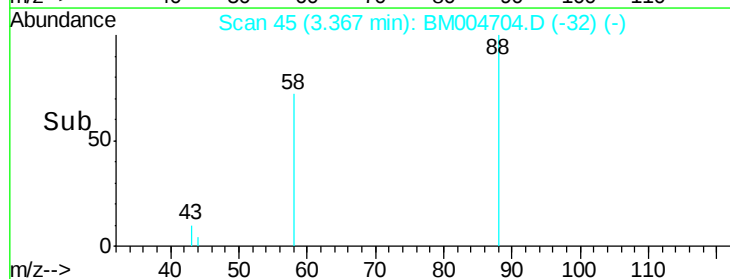
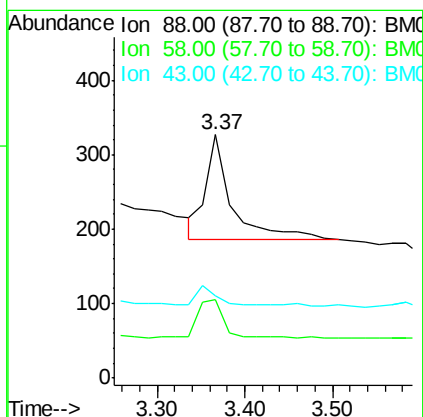
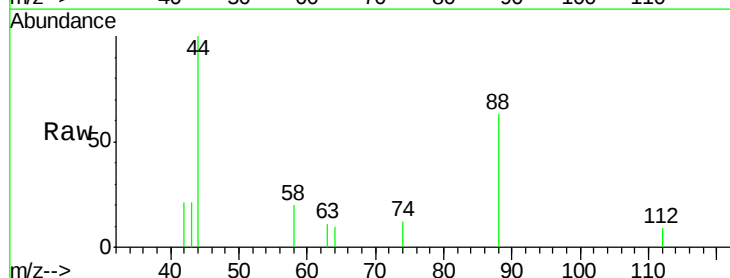
Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

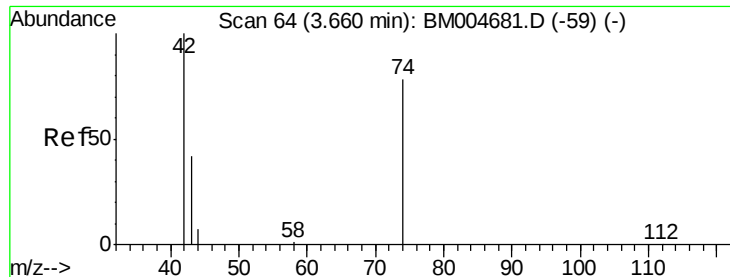
Tgt Ion: 152 Resp: 29106
 Ion Ratio Lower Upper
 152 100
 150 137.9 115.9 173.9
 115 44.1 38.4 57.6



#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#





#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

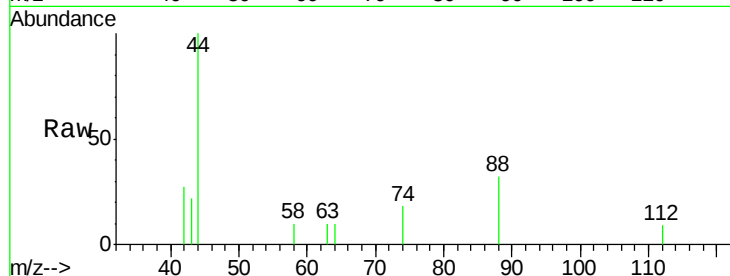
Tgt Ion: 42 Resp: 102

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) (-)

600

400

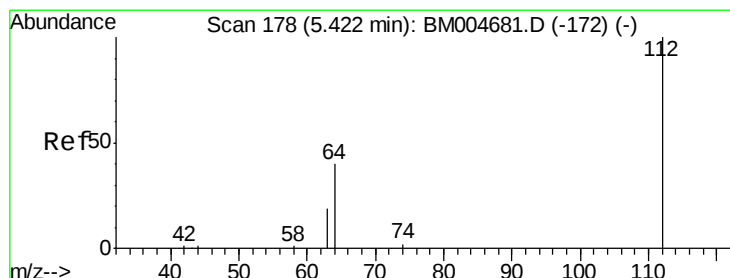
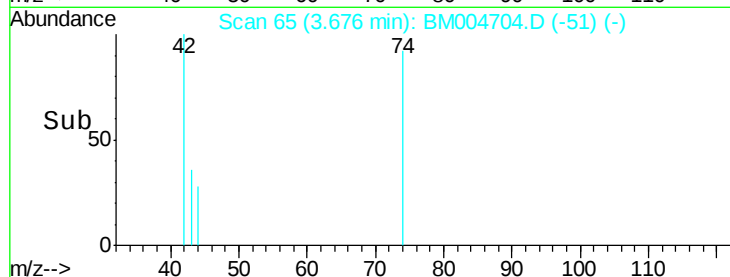
200

0

3.60 3.70 3.80

3.68

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

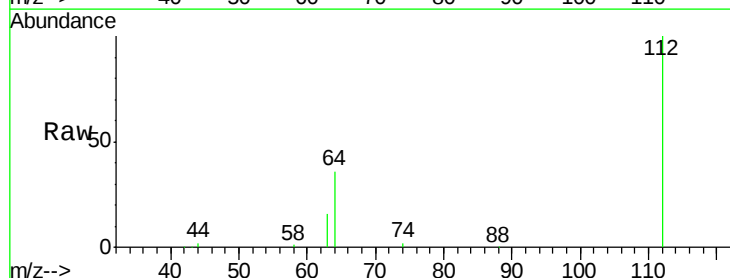
Tgt Ion: 112 Resp: 43713

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) (-)

30000

20000

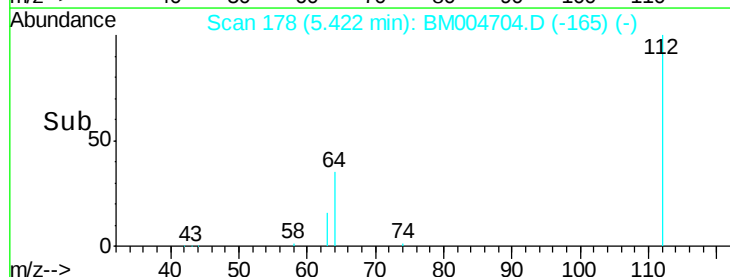
10000

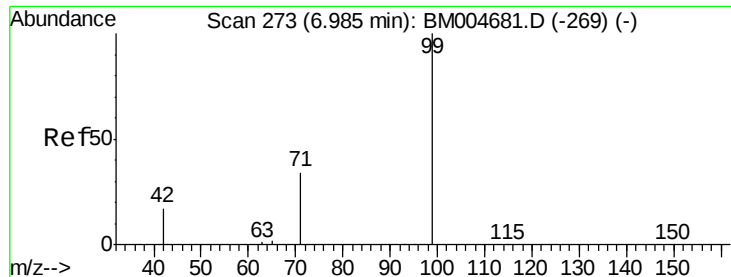
0

5.30 5.40 5.50 5.60

5.42

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

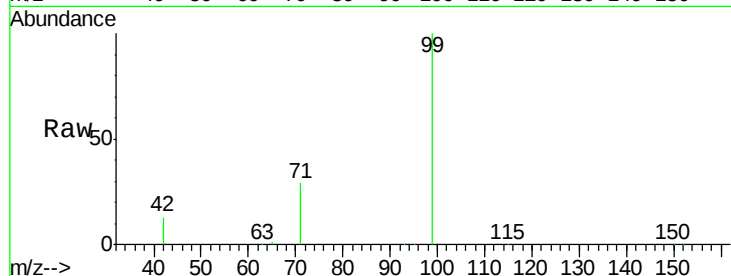
Tgt Ion: 99 Resp: 51500

Ion Ratio Lower Upper

99 100

42 14.1 12.7 19.1

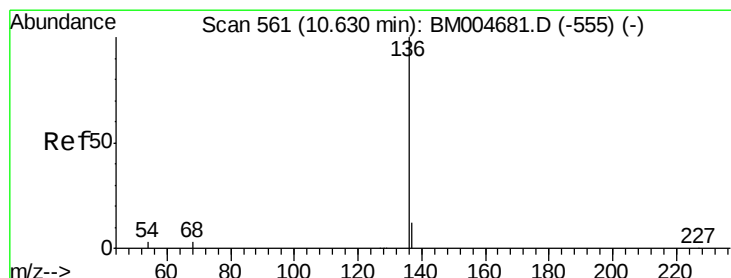
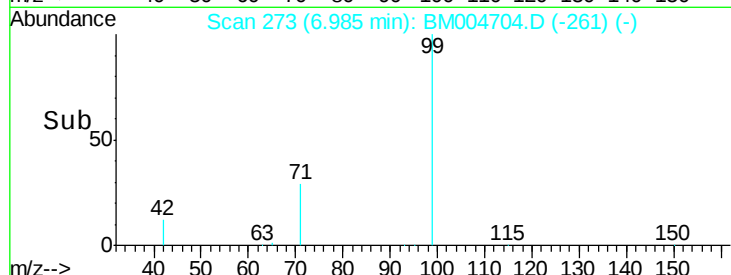
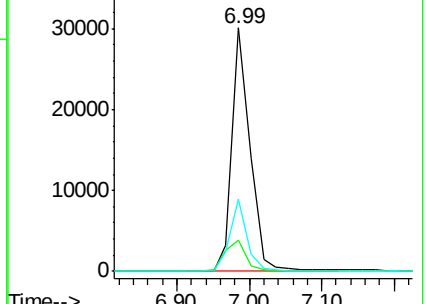
71 27.7 22.9 34.3



Abundance Ion 99.00 (98.70 to 99.70): BM004704.D (-549) (-)

Ion 42.00 (41.70 to 42.70): BM004704.D (-549) (-)

Ion 71.00 (70.70 to 71.70): BM004704.D (-549) (-)



#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

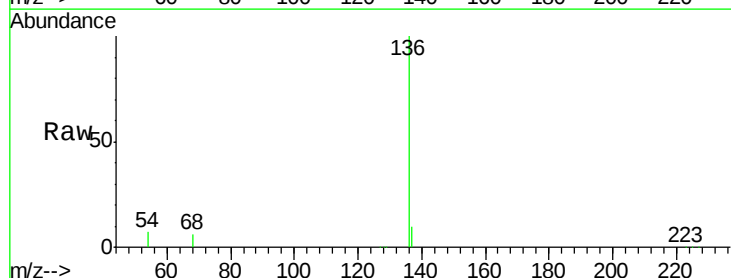
Ion Ratio Lower Upper

136 100

137 10.3 9.4 14.2

54 6.7 2.2 3.4#

68 5.7 2.2 3.4#

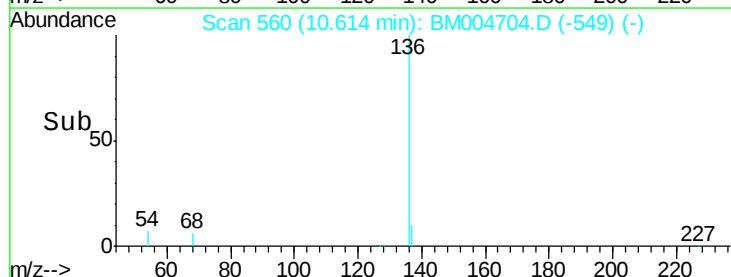
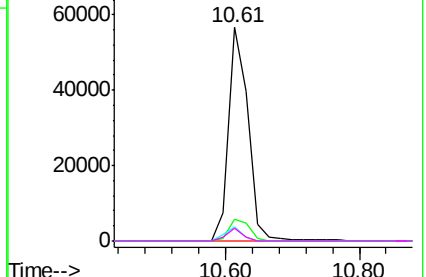


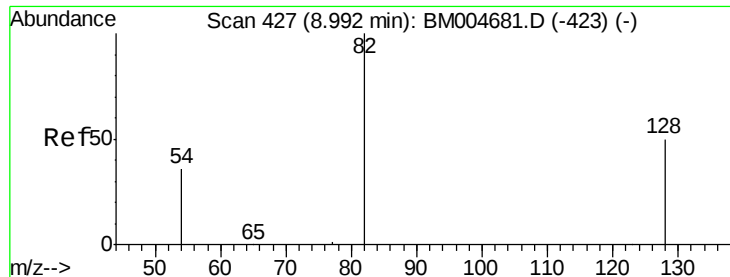
Abundance Ion 136.00 (135.70 to 136.70): BM004704.D (-549) (-)

Ion 137.00 (136.70 to 137.70): BM004704.D (-549) (-)

Ion 54.00 (53.70 to 54.70): BM004704.D (-549) (-)

Ion 68.00 (67.70 to 68.70): 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

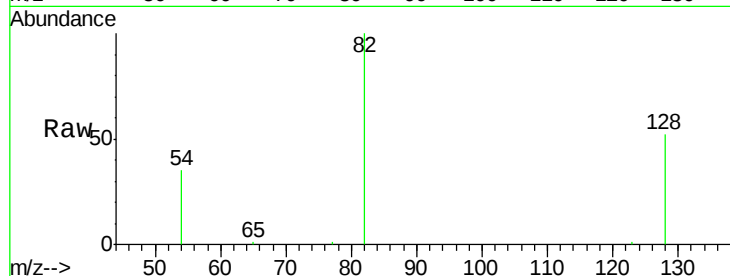
Tgt Ion: 82 Resp: 17549

Ion Ratio Lower Upper

82 100

128 51.5 41.8 62.8

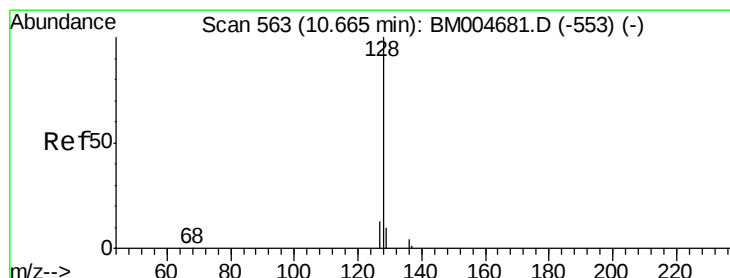
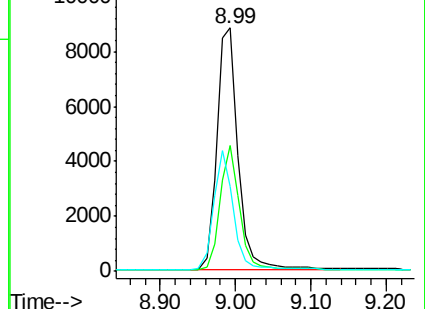
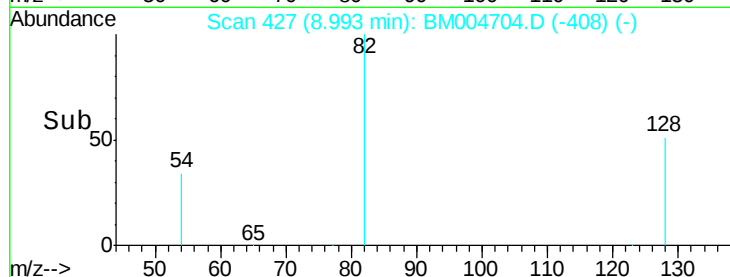
54 34.9 32.9 49.3



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

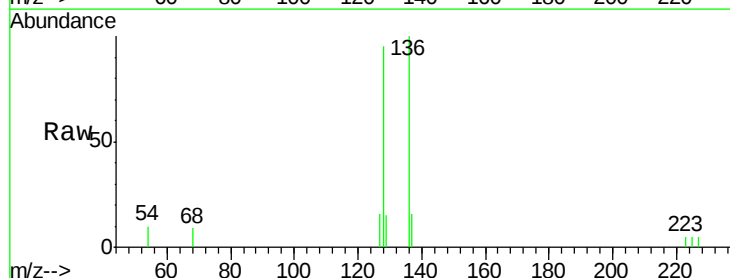
Tgt Ion: 128 Resp: 1580

Ion Ratio Lower Upper

128 100

129 16.0 8.9 13.3#

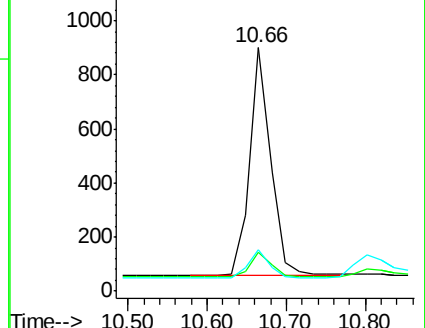
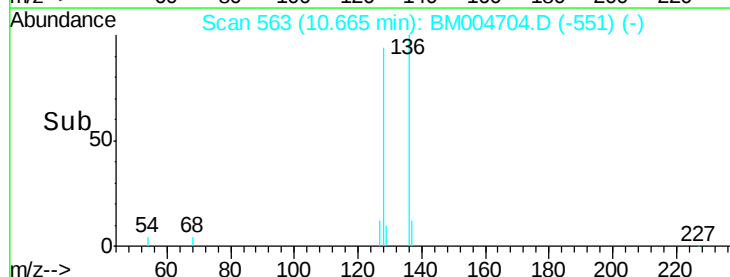
127 17.2 11.3 16.9#

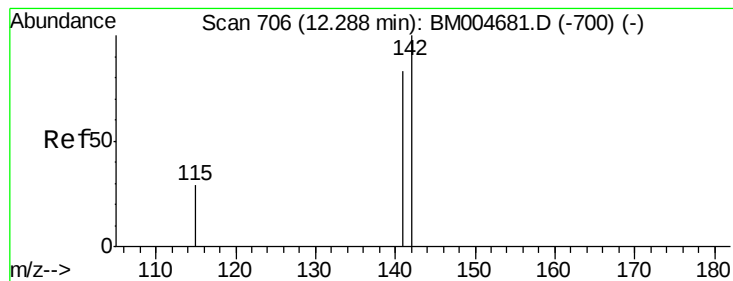


Abundance Ion 128.00 (127.70 to 128.70): BM004704.D (-551) (-)

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

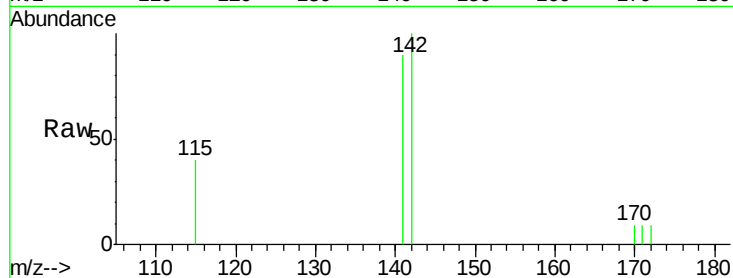
Tgt Ion:142 Resp: 978

Ion Ratio Lower Upper

142 100

141 89.7 66.2 99.2

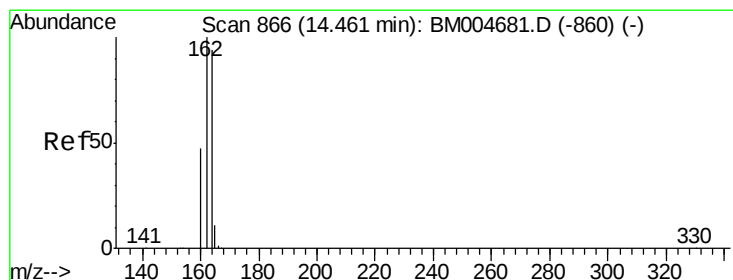
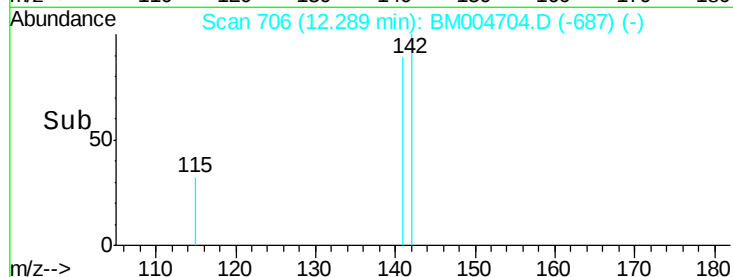
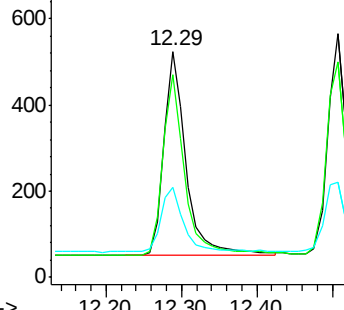
115 40.1 23.8 35.8#



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

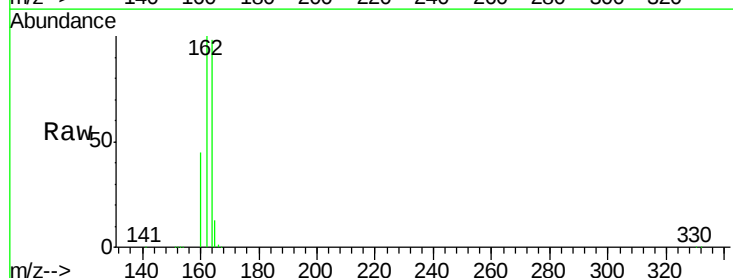
Tgt Ion:164 Resp: 58753

Ion Ratio Lower Upper

164 100

162 101.5 85.4 128.0

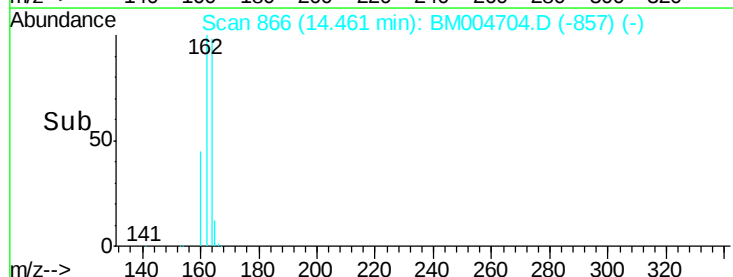
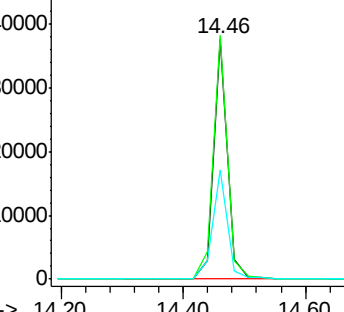
160 45.6 40.2 60.2

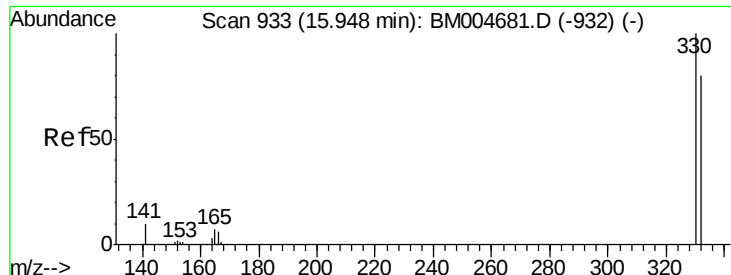


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

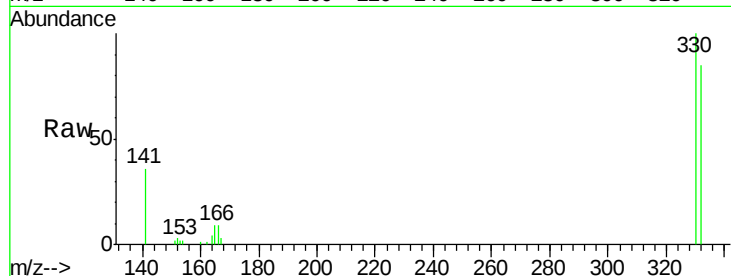




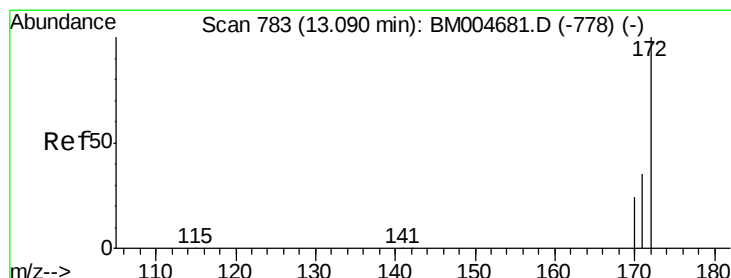
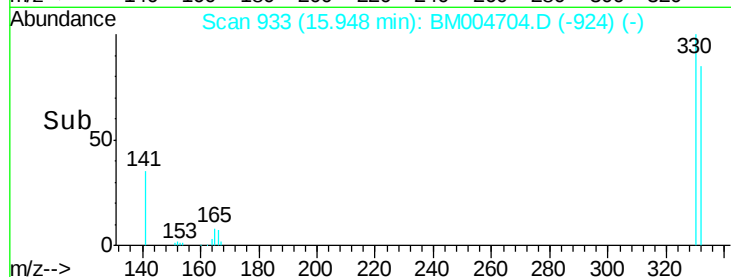
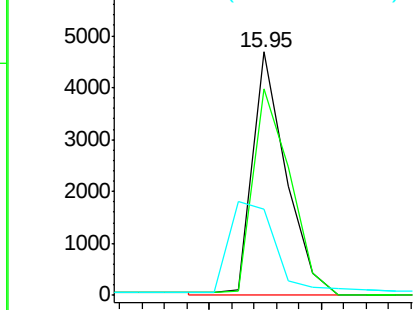
#11
 2,4,6-Tribromophenol
 Concen: 5.05 ng
 RT: 15.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004704.D
 Acq: 20 Mar 2016 13:53

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#

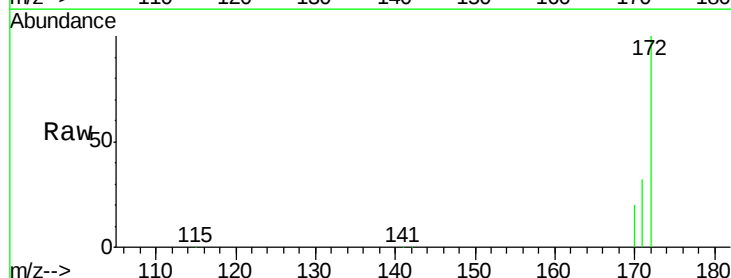


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

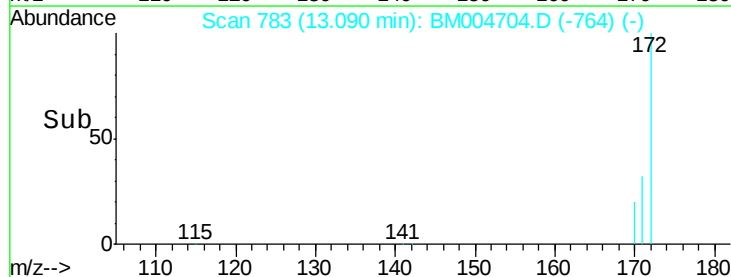
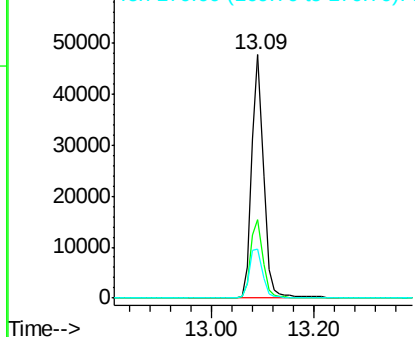


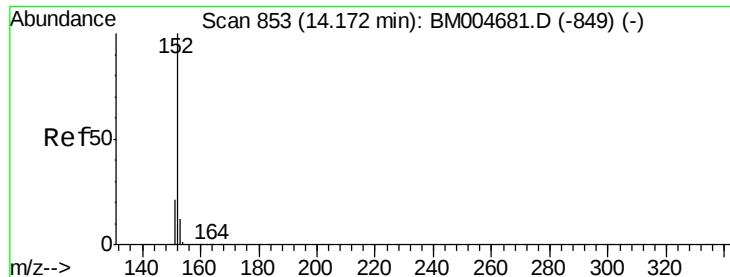
#12
 2-Fluorobiphenyl
 Concen: 4.47 ng
 RT: 13.09 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BM004704.D
 Acq: 20 Mar 2016 13:53

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

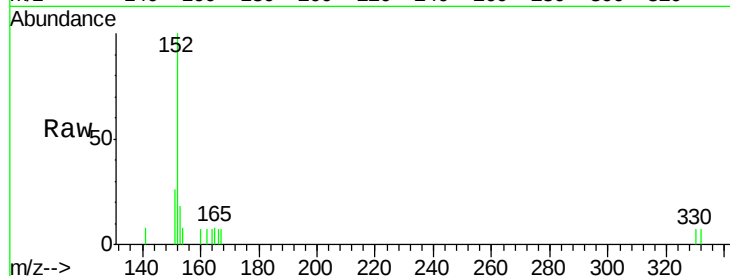
Tgt Ion:152 Resp: 1157

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

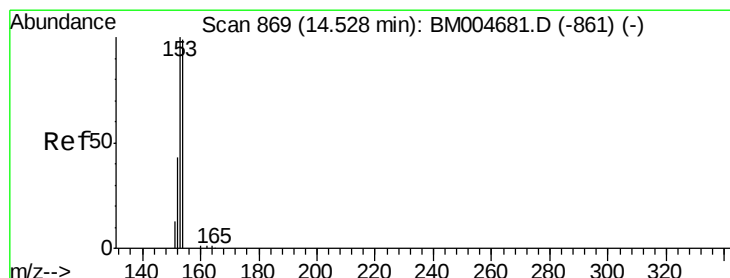
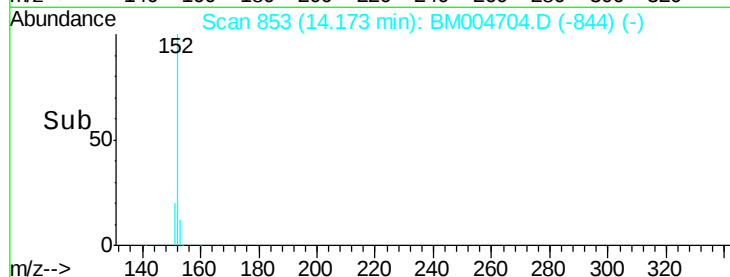
600

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

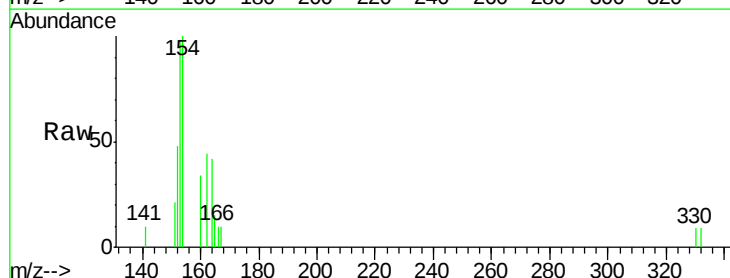
Tgt Ion:154 Resp: 1151

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

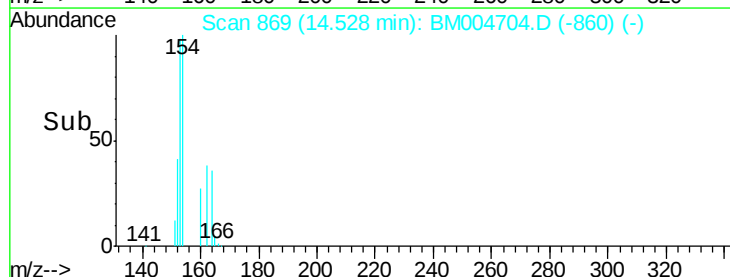
600

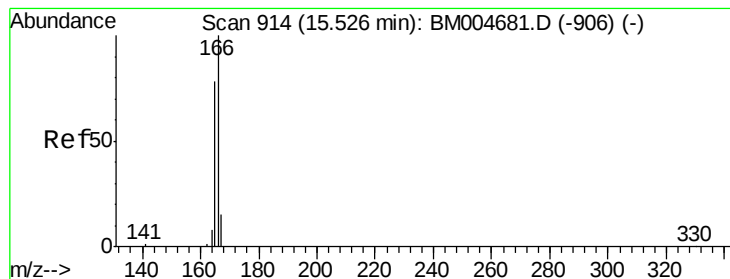
400

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

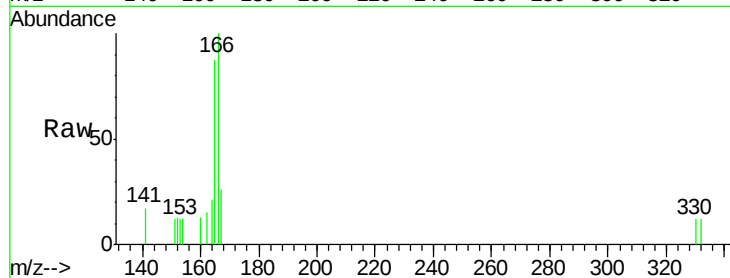
Tgt Ion:166 Resp: 996

Ion Ratio Lower Upper

166 100

165 0.0 0.0 0.0

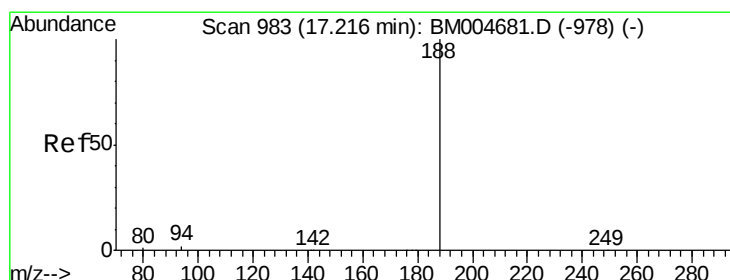
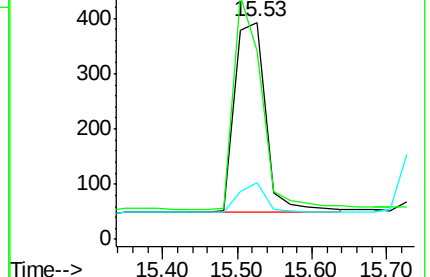
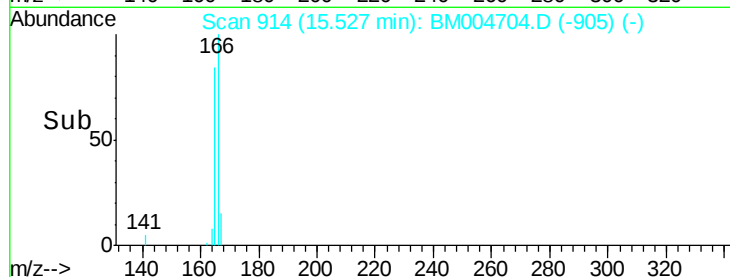
167 13.6 10.6 15.8



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

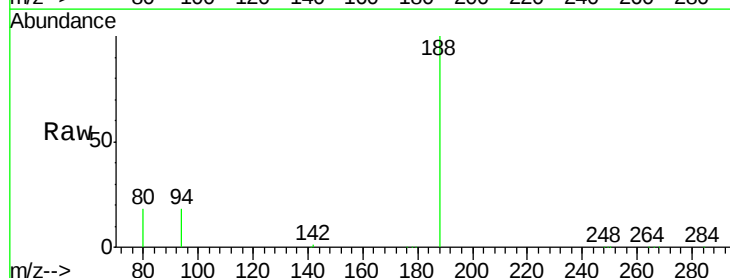
Tgt Ion:188 Resp: 112019

Ion Ratio Lower Upper

188 100

94 18.0 1.4 2.0#

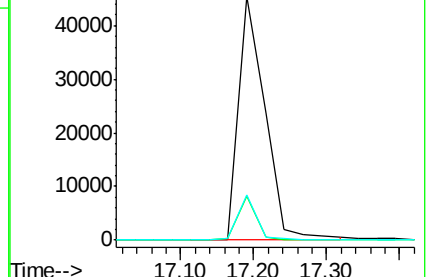
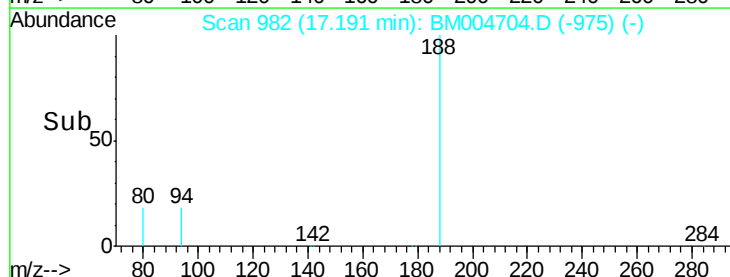
80 18.3 1.0 1.6#

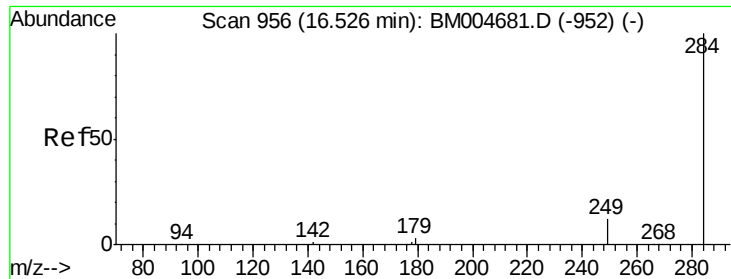


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

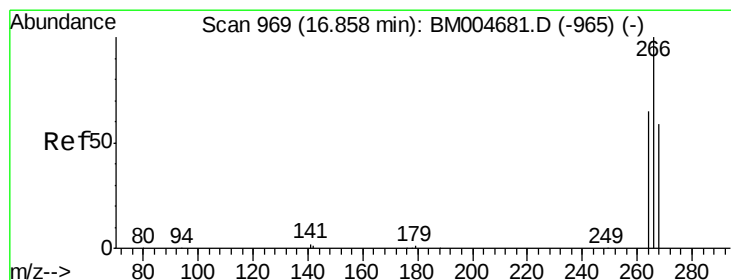
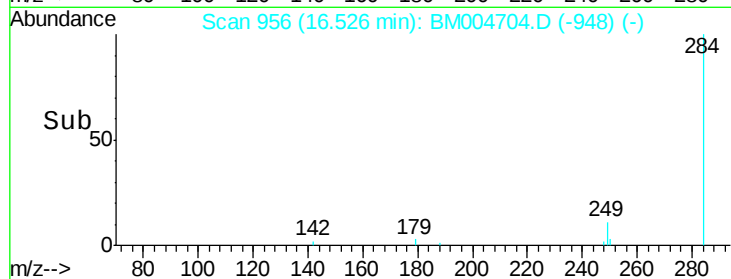
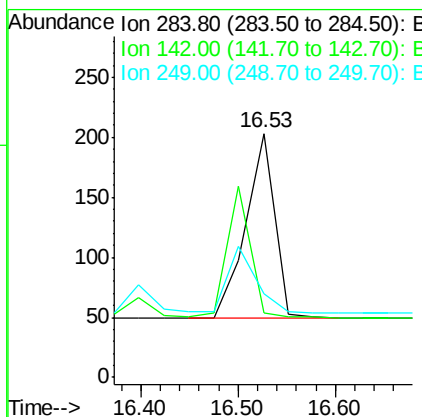
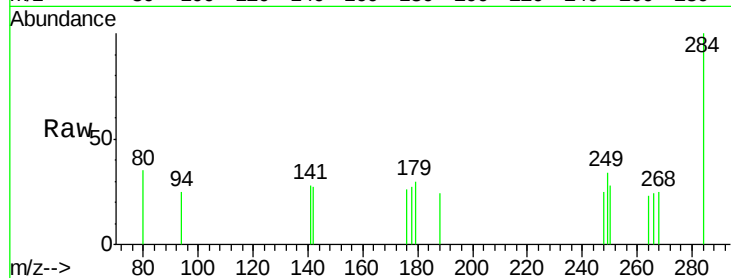




#17
Hexachlorobenzene
Concen: 0.05 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM004704.D
Acq: 20 Mar 2016 13:53

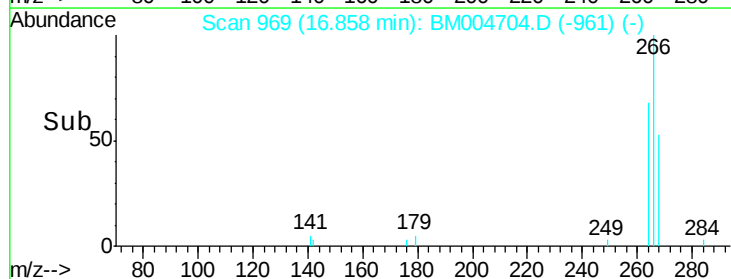
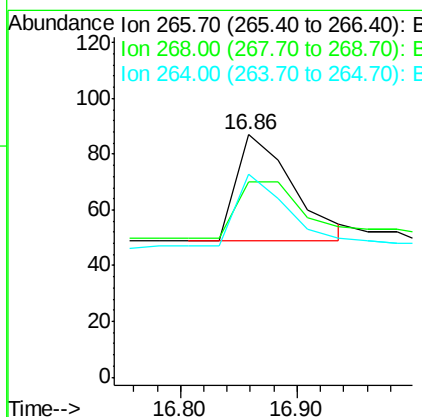
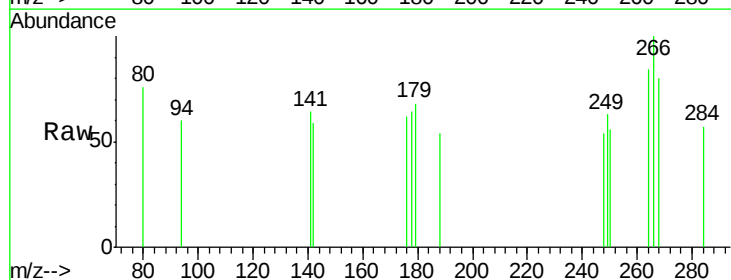
Instrument :
BNA_M
ClientSampleId :
MDL-04-W

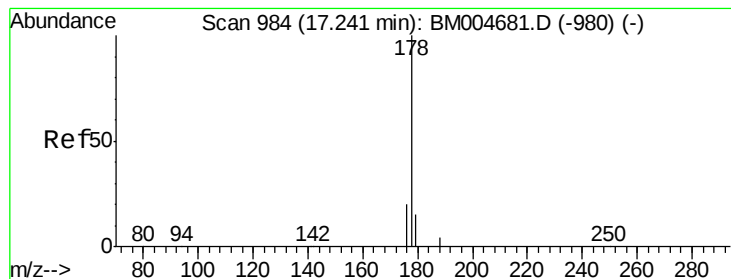
Tgt Ion: 284 Resp: 321
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#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#





#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

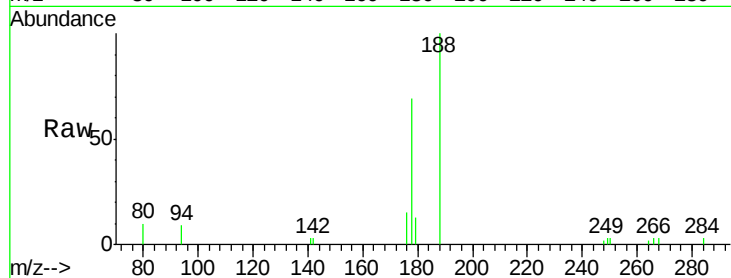
Tgt Ion:178 Resp: 2325

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

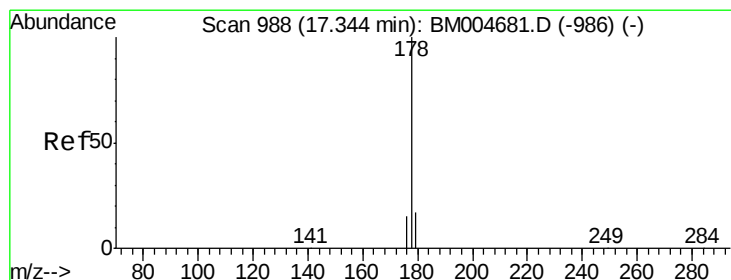
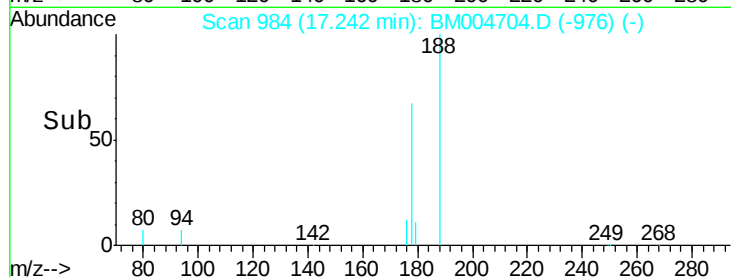
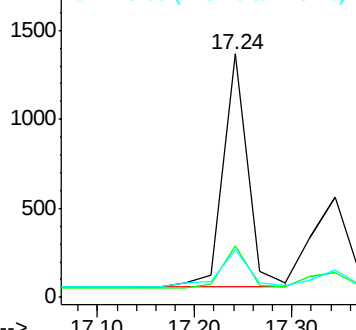
179 19.0 12.2 18.4#



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

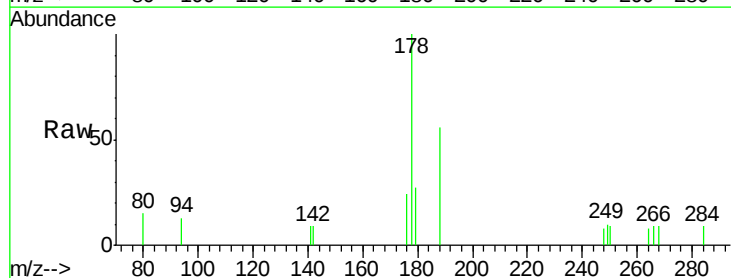
Tgt Ion:178 Resp: 1282

Ion Ratio Lower Upper

178 100

176 19.0 14.5 21.7

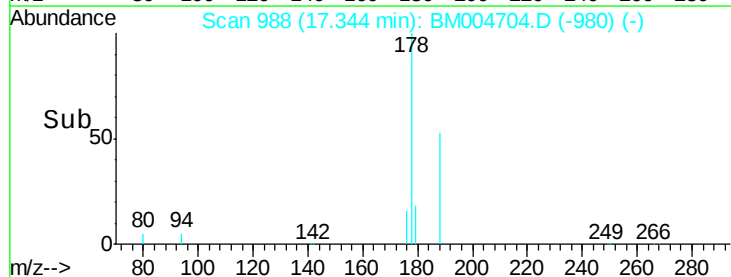
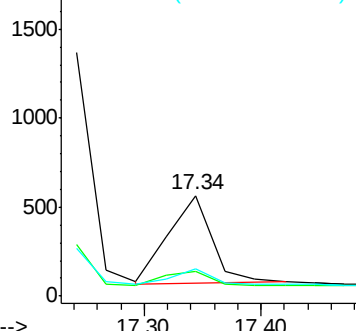
179 16.0 12.6 18.8

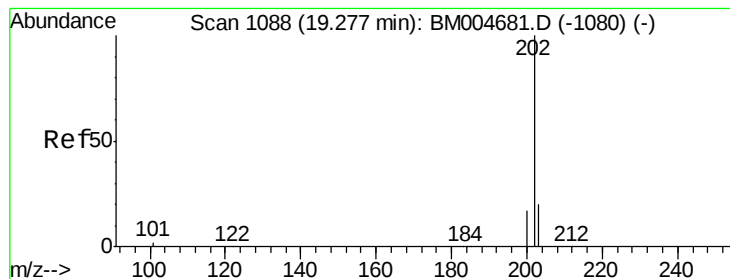


Abundance Ion 178.00 (177.70 to 178.70): E

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

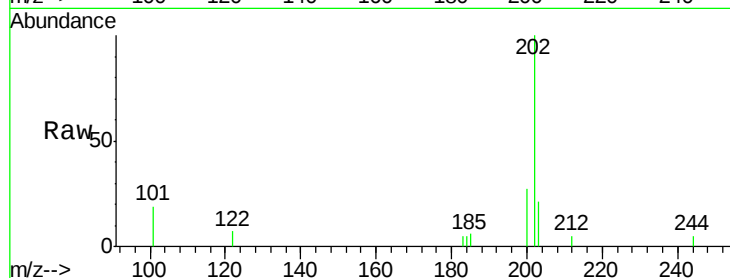
Tgt Ion: 202 Resp: 1873

Ion Ratio Lower Upper

202 100

101 10.2 8.7 13.1

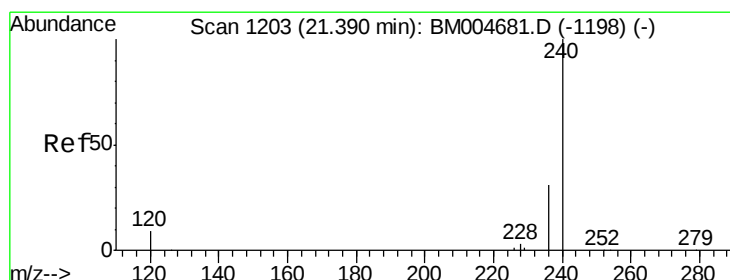
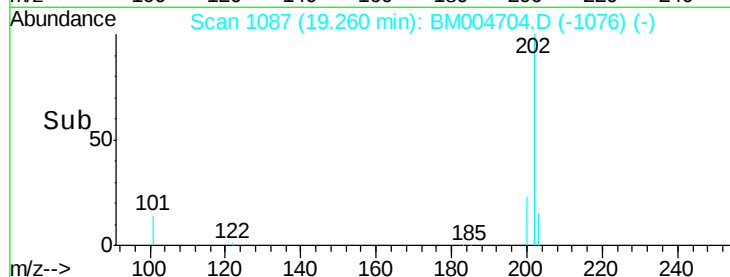
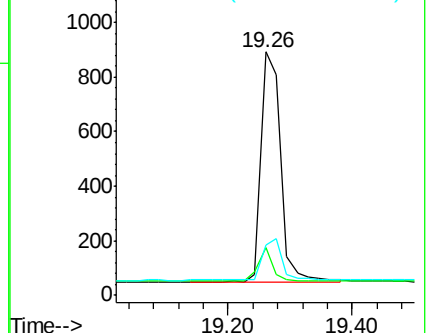
203 18.8 14.1 21.1



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: BM004704.D

Acq: 20 Mar 2016 13:53

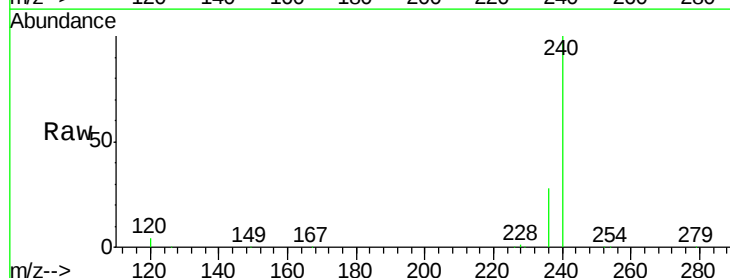
Tgt Ion: 240 Resp: 129402

Ion Ratio Lower Upper

240 100

120 4.5 7.4 11.2#

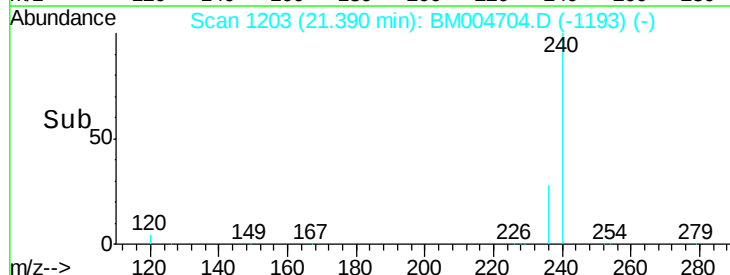
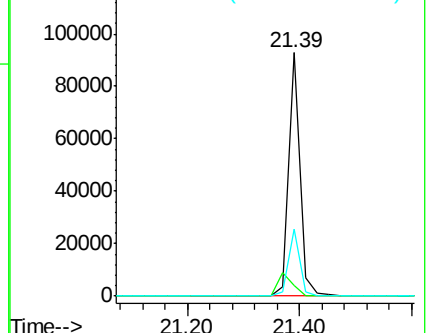
236 27.6 24.5 36.7

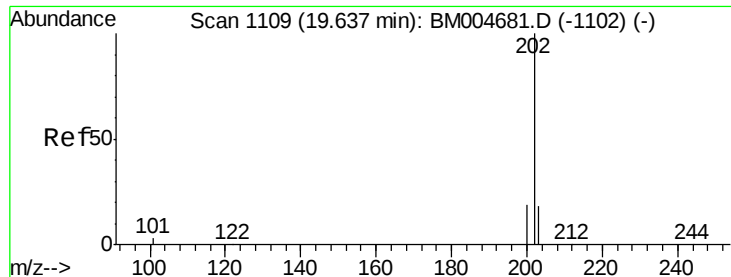


Abundance Ion 240.00 (239.70 to 240.70): E

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: BM004704.D

Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

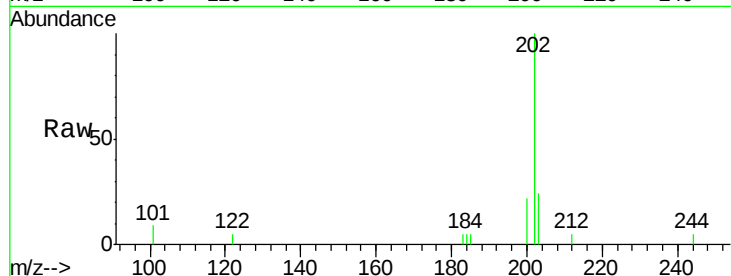
Tgt Ion: 202 Resp: 1979

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

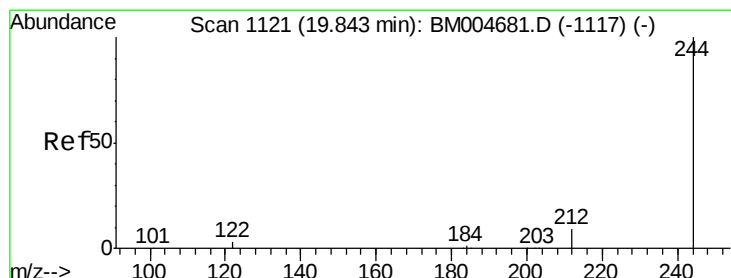
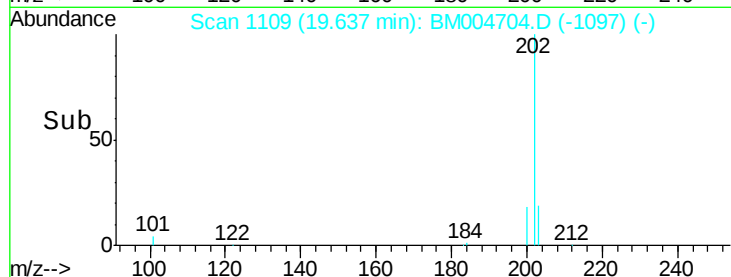
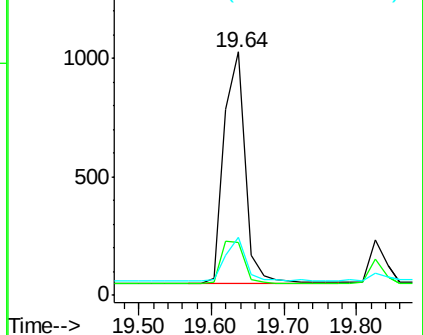
203 19.4 13.9 20.9



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



#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

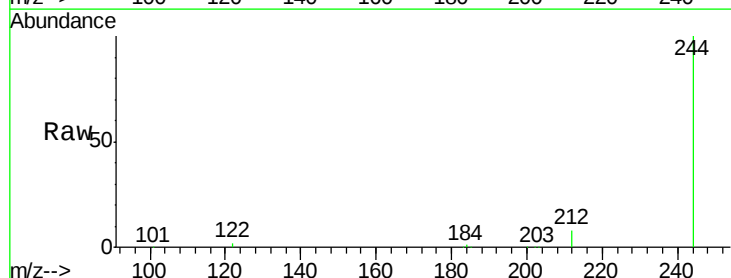
Tgt Ion: 244 Resp: 60338

Ion Ratio Lower Upper

244 100

212 8.3 7.7 11.5

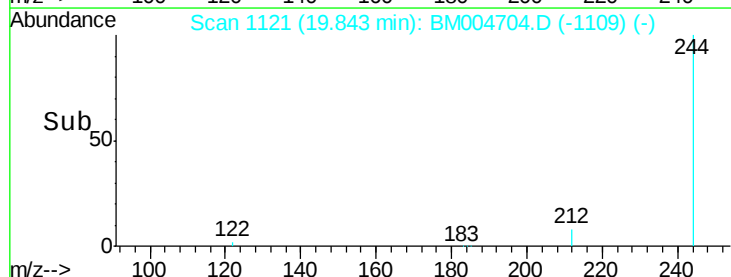
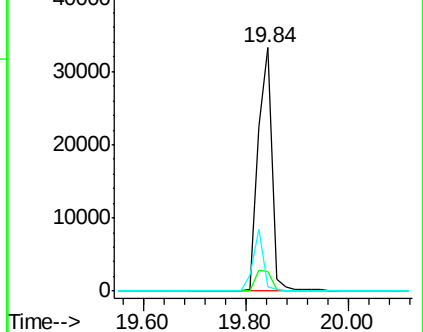
122 1.9 3.4 5.0#

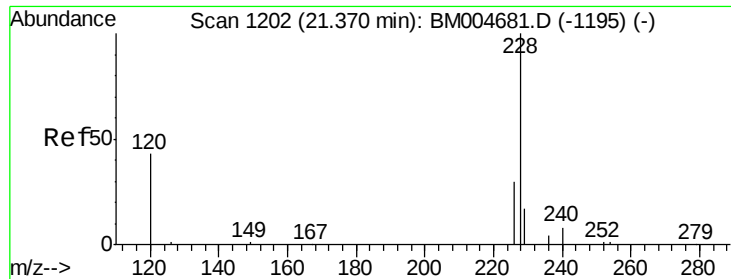


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

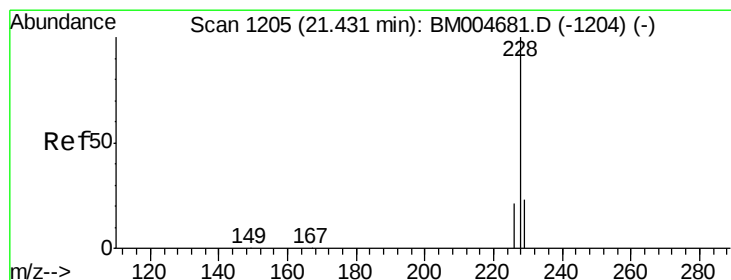
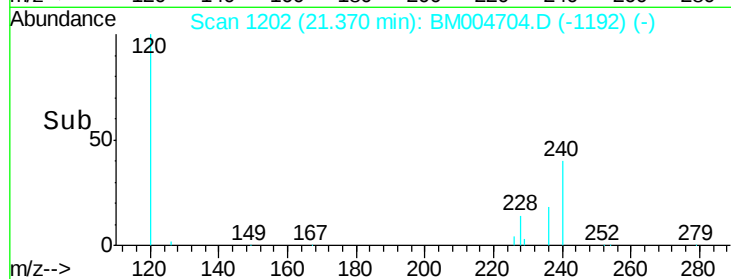
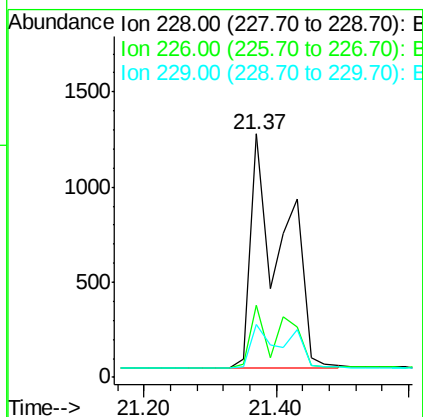
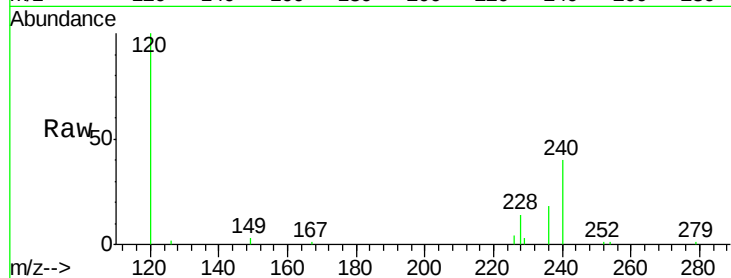




#25
Benzo(a)anthracene
Concen: 0.08 ng
RT: 21.37 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM004704.D
Acq: 20 Mar 2016 13:53

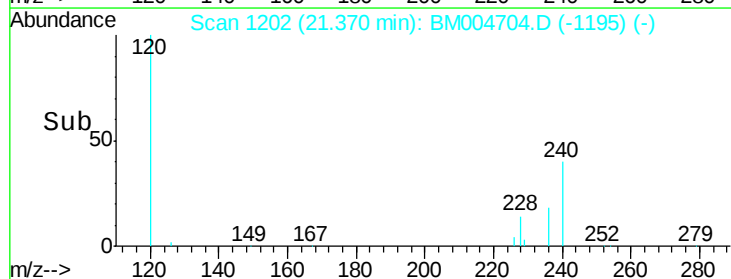
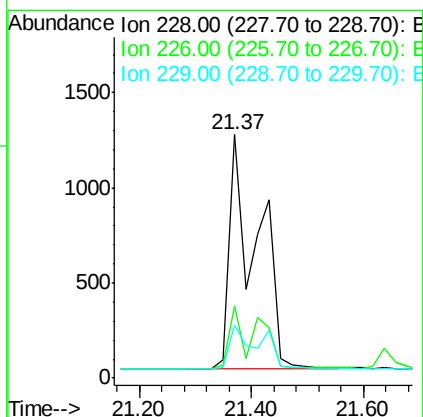
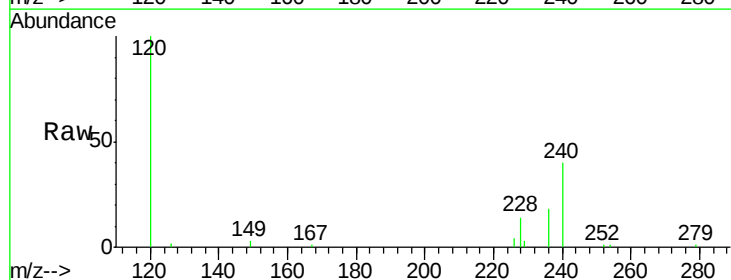
Instrument :
BNA_M
ClientSampleId :
MDL-04-W

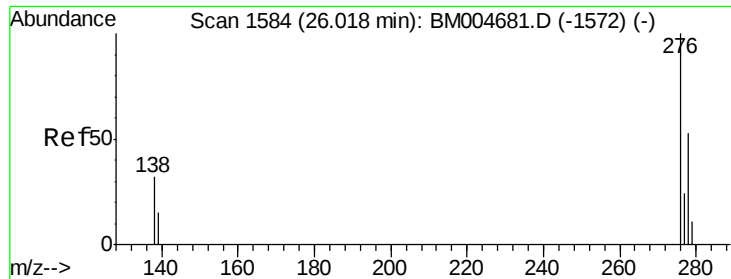
Tgt Ion:228 Resp: 4179
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 21.9 14.2 21.2#



#26
Chrysene
Concen: 0.11 ng
RT: 21.37 min Scan# 1202
Delta R.T. -0.06 min
Lab File: BM004704.D
Acq: 20 Mar 2016 13:53

Tgt Ion:228 Resp: 4210
Ion Ratio Lower Upper
228 100
226 29.8 20.9 31.3
229 21.9 17.4 26.2





#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

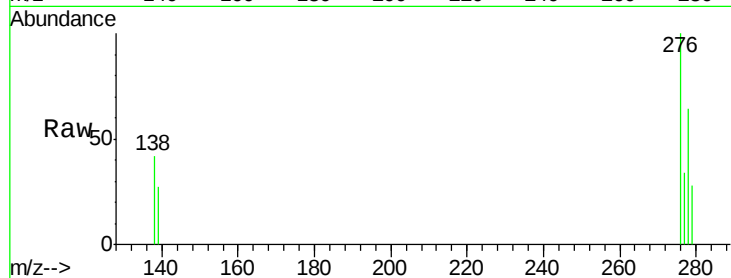
Tgt Ion: 276 Resp: 1619

Ion Ratio Lower Upper

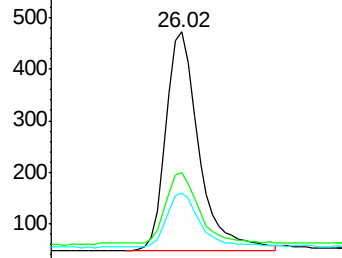
276 100

138 33.0 25.9 38.9

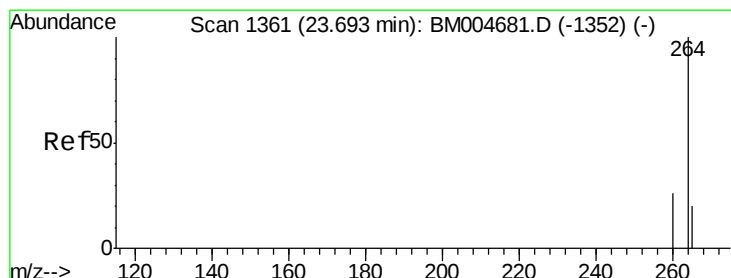
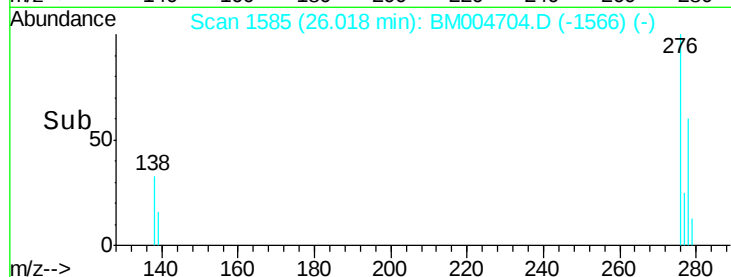
277 26.3 19.8 29.6



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



Time--> 25.80 26.00 26.20



#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

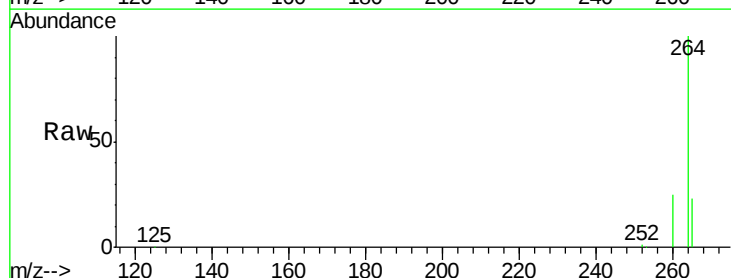
Tgt Ion: 264 Resp: 102752

Ion Ratio Lower Upper

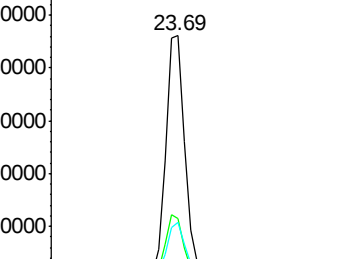
264 100

260 24.8 21.0 31.4

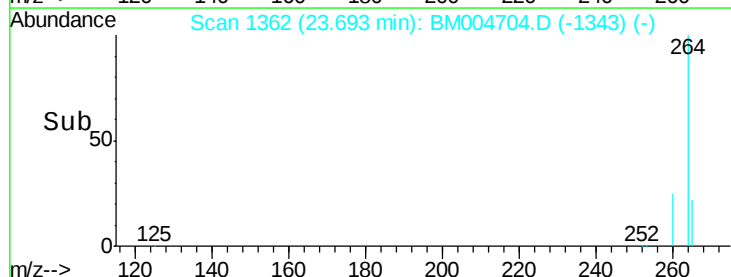
265 23.2 17.5 26.3

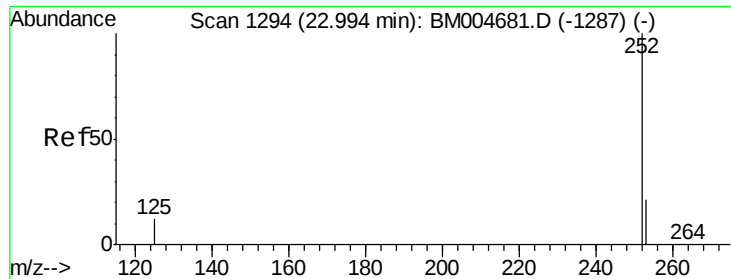


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 23.60 23.80





#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

ClientSampleId :

MDL-04-W

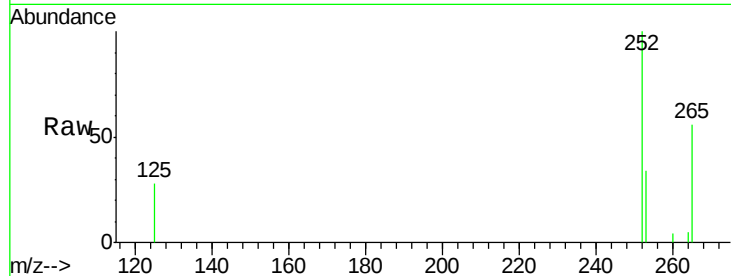
Tgt Ion:252 Resp: 1828

Ion Ratio Lower Upper

252 100

253 33.5 17.9 26.9#

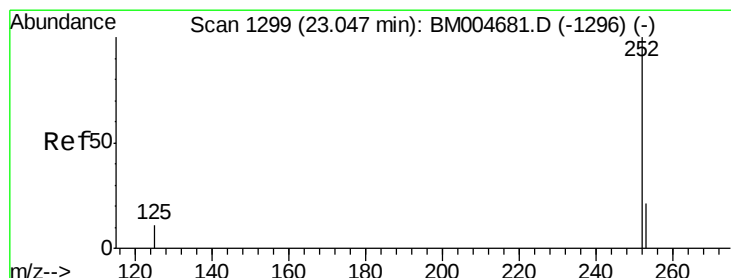
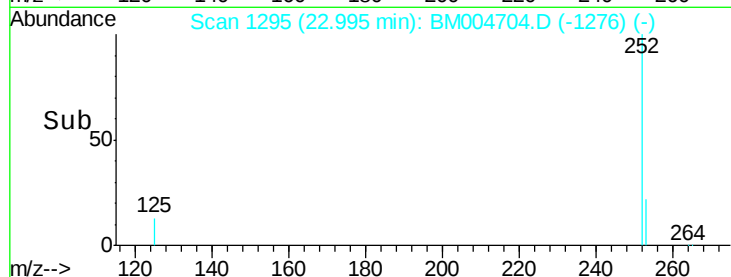
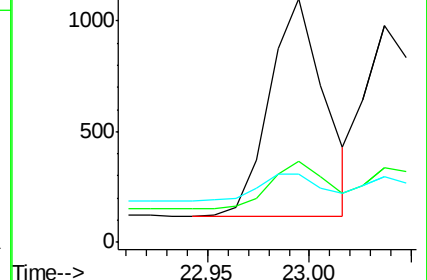
125 28.1 11.4 17.0#



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

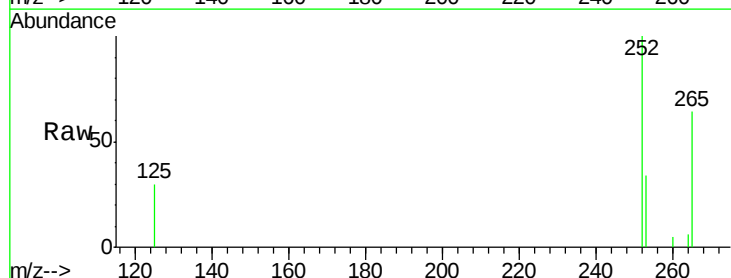
Tgt Ion:252 Resp: 1692

Ion Ratio Lower Upper

252 100

253 34.5 19.3 28.9#

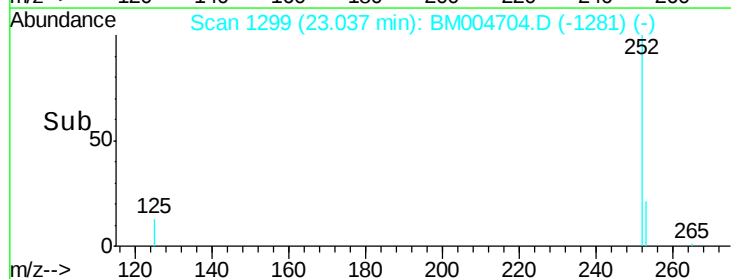
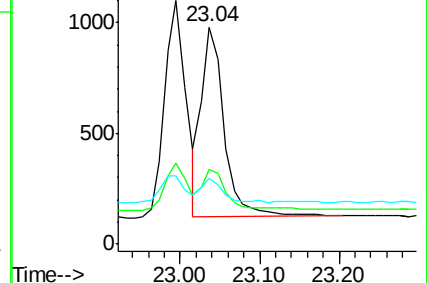
125 30.3 10.6 15.8#

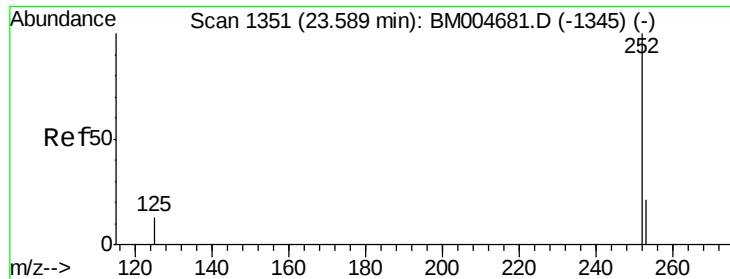


Abundance Ion 252.00 (251.70 to 252.70): E

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

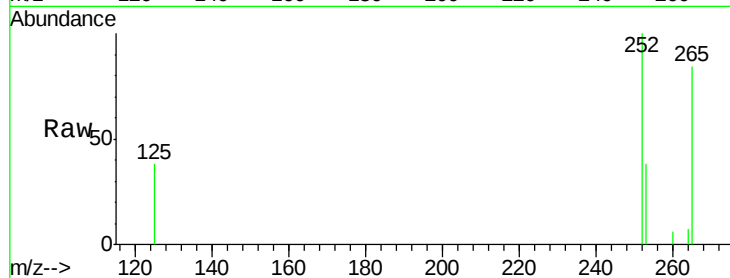
Tgt Ion: 252 Resp: 1455

Ion Ratio Lower Upper

252 100

253 37.5 18.6 28.0#

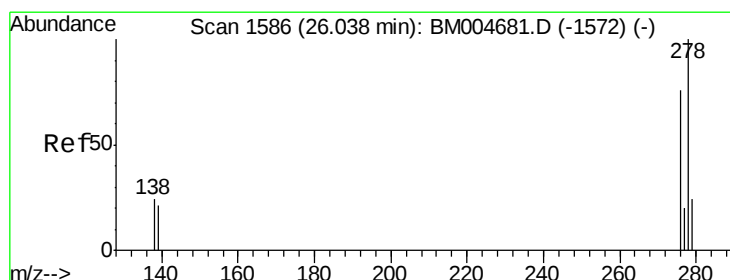
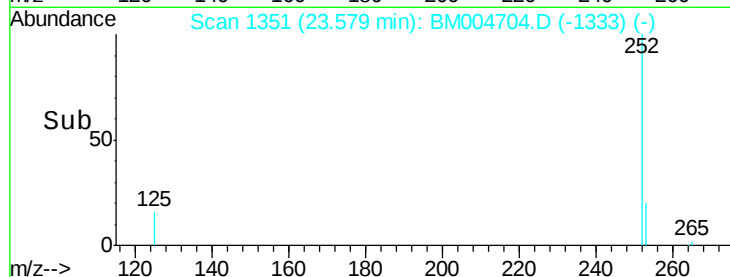
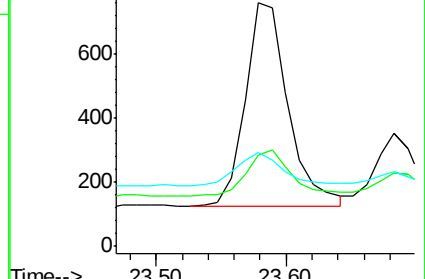
125 38.5 12.3 18.5#



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

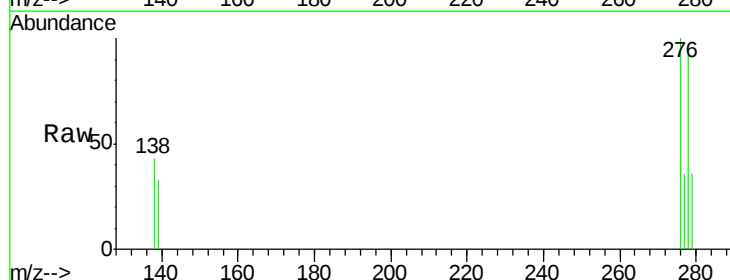
Tgt Ion: 278 Resp: 1242

Ion Ratio Lower Upper

278 100

139 36.6 17.6 26.4#

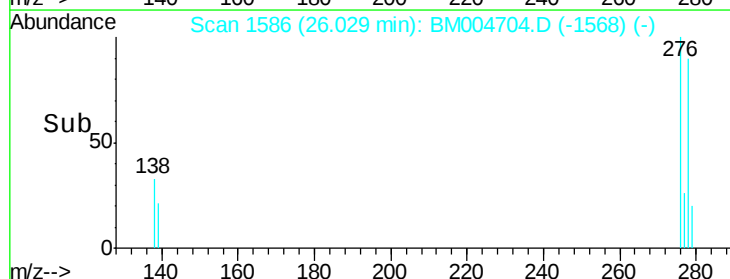
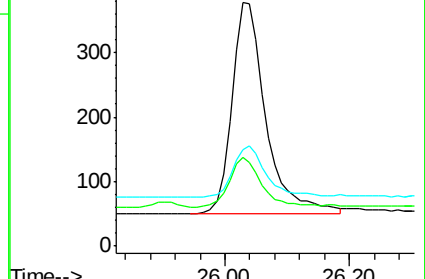
279 39.8 19.9 29.9#

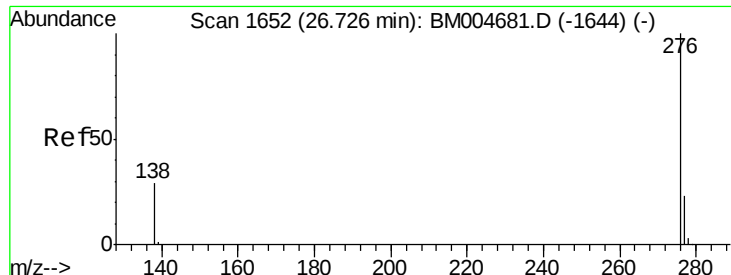


Abundance Ion 278.00 (277.70 to 278.70): E

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

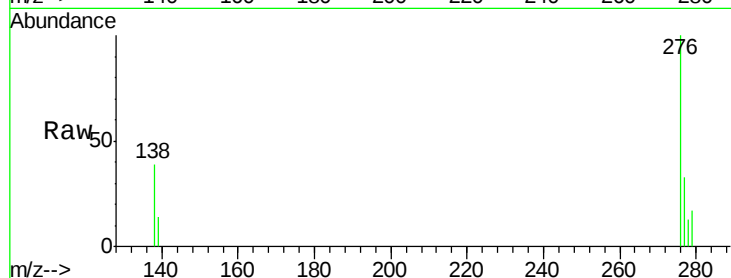
Acq: 20 Mar 2016 13:53

Instrument :

BNA_M

ClientSampleId :

MDL-04-W



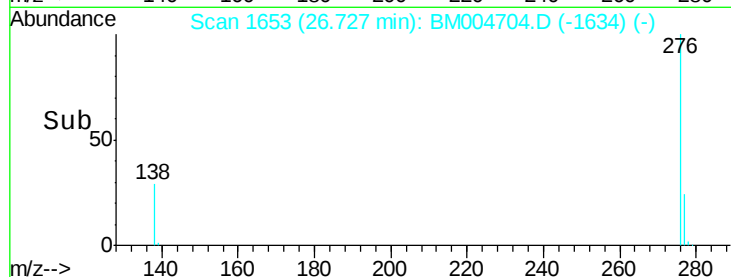
Tgt Ion: 276 Resp: 1537

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

