

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032016\
 Data File : BM004706.D
 Acq On : 20 Mar 2016 15:04
 Operator : UM/SJ
 Sample : MDL-06-W
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Quant Time: Mar 21 02:41:16 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	30657	5.00	ng	0.00
6) Naphthalene-d8	10.61	136	120042	5.00	ng	-0.02
10) Acenaphthene-d10	14.46	164	61716	5.00	ng	0.00
16) Phenanthrene-d10	17.19	188	122933	5.00	ng	-0.03
22) Chrysene-d12	21.39	240	139048	5.00	ng	0.00
28) Perylene-d12	23.69	264	112843	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	46517	6.58	ng	0.00
5) Phenol-d6	6.99	99	55118	6.36	ng	0.00
7) Nitrobenzene-d5	8.99	82	18445	3.19	ng	0.00
11) 2,4,6-Tribromophenol	15.95	330	10992	5.37	ng	0.00
12) 2-Fluorobiphenyl	13.09	172	79584	4.51	ng	0.00
24) Terphenyl-d14	19.84	244	68164	3.88	ng	0.00

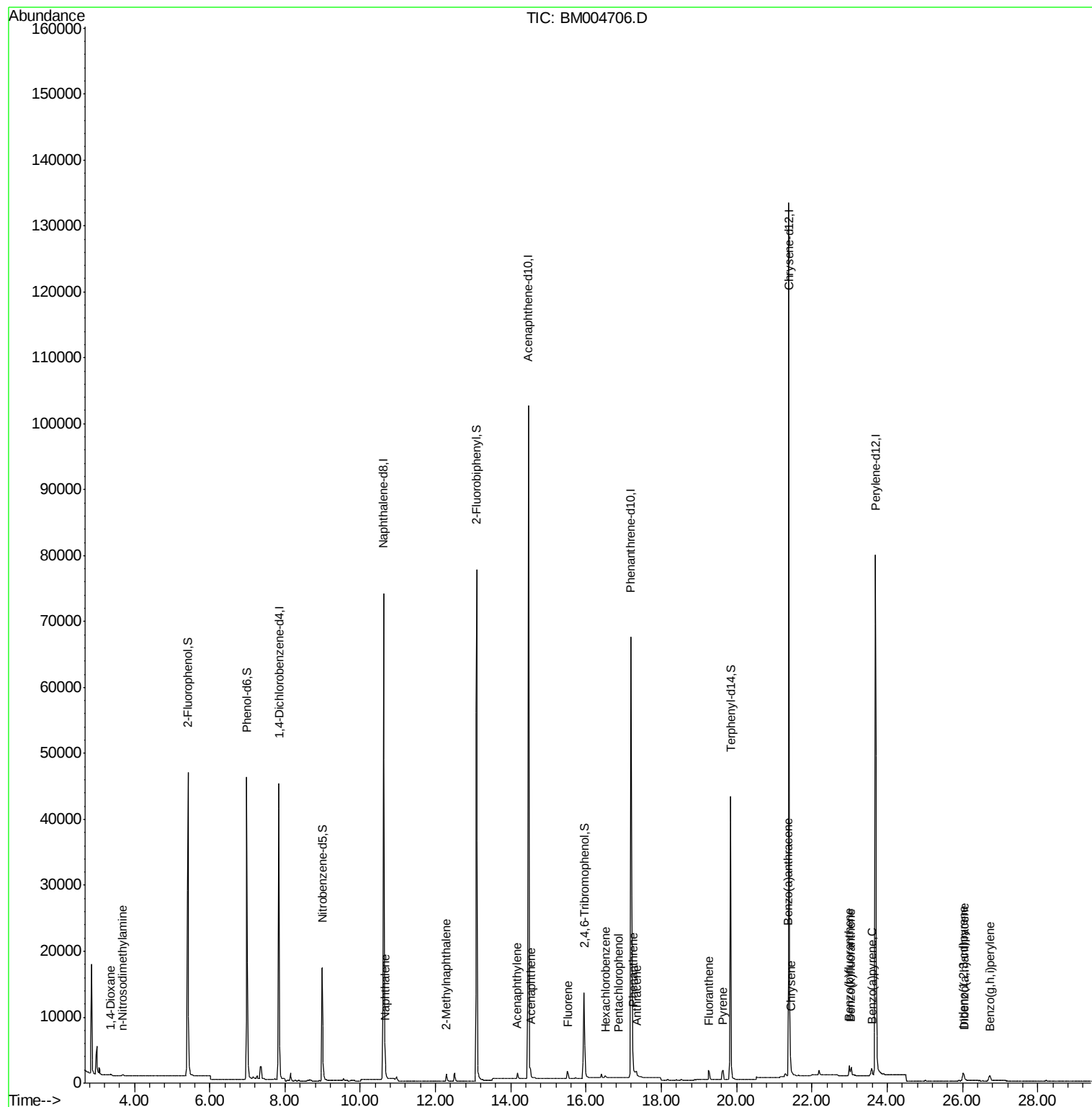
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	296	0.03	ng	# 79
3) n-Nitrosodimethylamine	3.68	42	120	0.04	ng	# 97
8) Naphthalene	10.66	128	1722	0.05	ng	# 90
9) 2-Methylnaphthalene	12.29	142	1054	0.05	ng	# 91
13) Acenaphthylene	14.17	152	1197	0.04	ng	100
14) Acenaphthene	14.53	154	1204	0.06	ng	# 68
15) Fluorene	15.50	166	1092	0.05	ng	# 67
17) Hexachlorobenzene	16.53	284	354	0.05	ng	# 100
18) Pentachlorophenol	16.86	266	141	0.16	ng	# 76
19) Phenanthrene	17.24	178	2513	0.05	ng	# 95
20) Anthracene	17.34	178	1403	0.04	ng	98
21) Fluoranthene	19.26	202	2060	0.04	ng	99
23) Pyrene	19.64	202	2166	0.04	ng	99
25) Benzo(a)anthracene	21.37	228	2353m	0.04	ng	
26) Chrysene	21.43	228	2177m	0.05	ng	
27) Indeno(1,2,3-cd)pyrene	26.02	276	1837	0.04	ng	99
29) Benzo(b)fluoranthene	22.99	252	2028	0.05	ng	# 77
30) Benzo(k)fluoranthene	23.04	252	1958	0.05	ng	# 75
31) Benzo(a)pyrene	23.59	252	1676	0.04	ng	# 66
32) Dibenzo(a,h)anthracene	26.04	278	1419	0.04	ng	# 74
33) Benzo(g,h,i)perylene	26.73	276	1746	0.05	ng	# 86

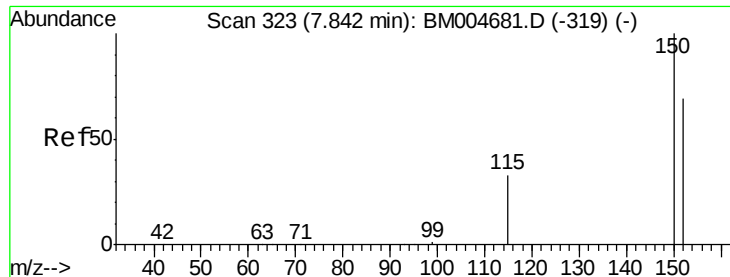
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

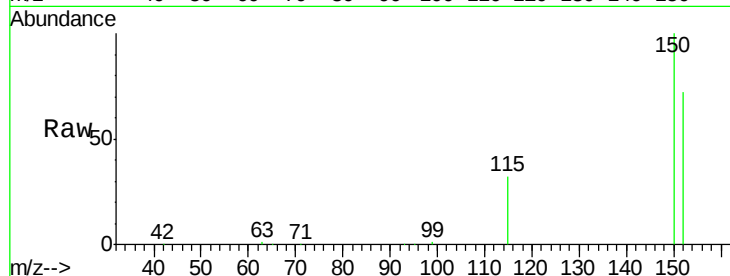
Tgt Ion:152 Resp: 30657

Ion Ratio Lower Upper

152 100

150 138.5 115.9 173.9

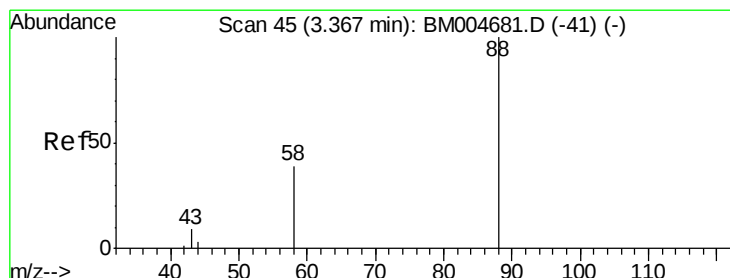
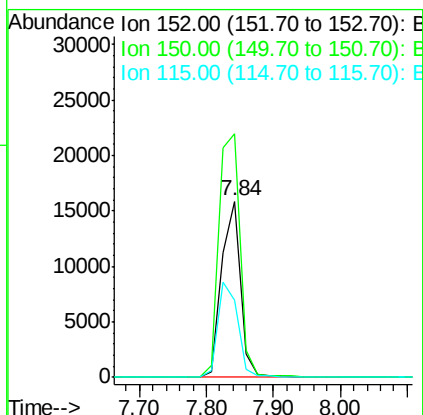
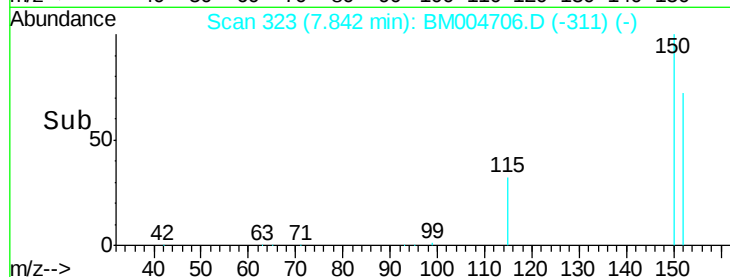
115 44.2 38.4 57.6



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: BM004706.D

Acq: 20 Mar 2016 15:04

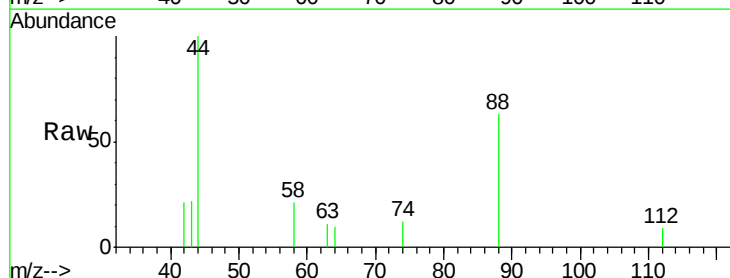
Tgt Ion: 88 Resp: 296

Ion Ratio Lower Upper

88 100

58 36.5 43.9 65.9#

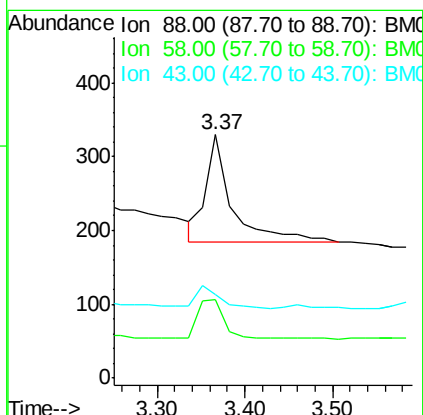
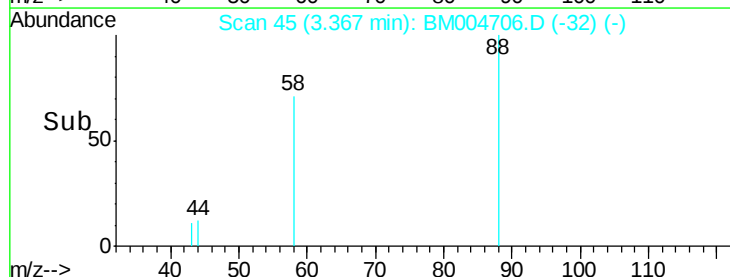
43 18.9 19.9 29.9#

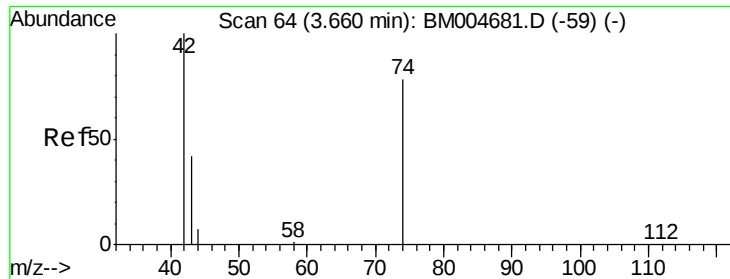


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.68 min Scan# 65

Delta R.T. 0.02 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

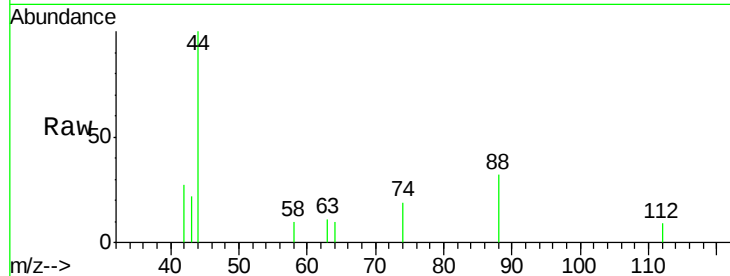
Tgt Ion: 42 Resp: 120

Ion Ratio Lower Upper

42 100

74 148.3 120.9 181.3

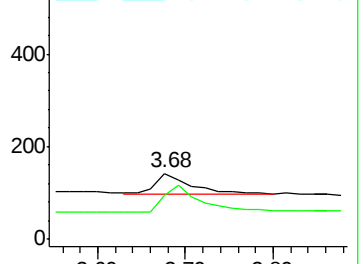
44 10.8 6.0 9.0#



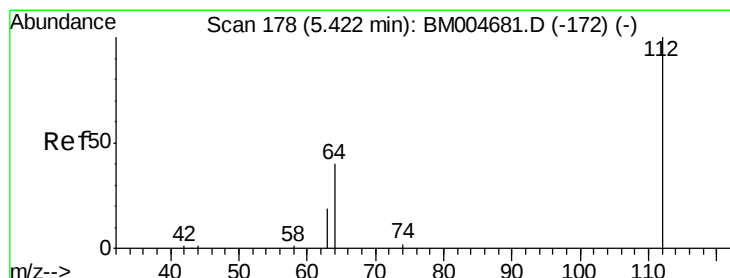
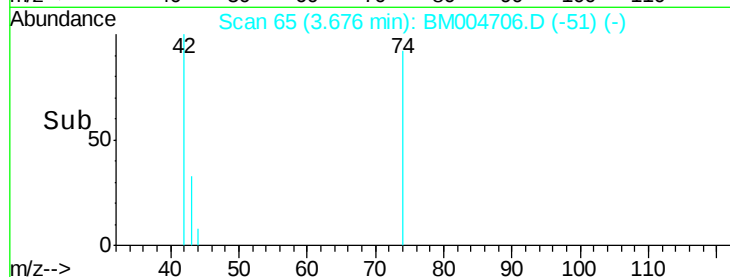
Abundance Ion 42.00 (41.70 to 42.70): BM004681.D (-59) (-)

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: 6.58 ng

RT: 5.42 min Scan# 178

Delta R.T. 0.00 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

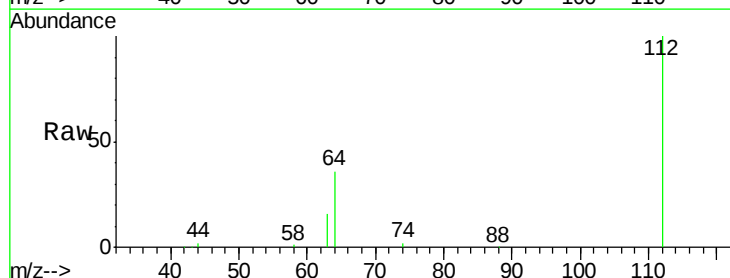
Tgt Ion: 112 Resp: 46517

Ion Ratio Lower Upper

112 100

64 46.5 37.0 55.6

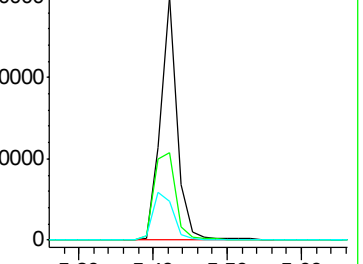
63 23.8 19.3 28.9



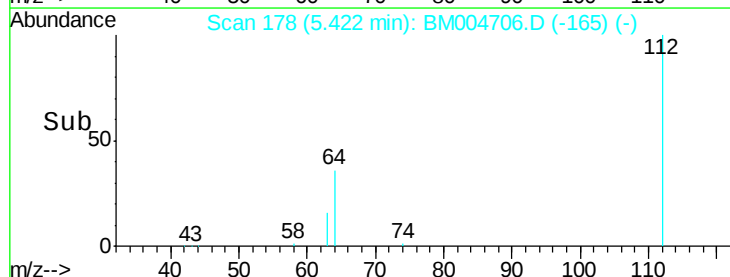
Abundance Ion 112.00 (111.70 to 112.70): BM004681.D (-172) (-)

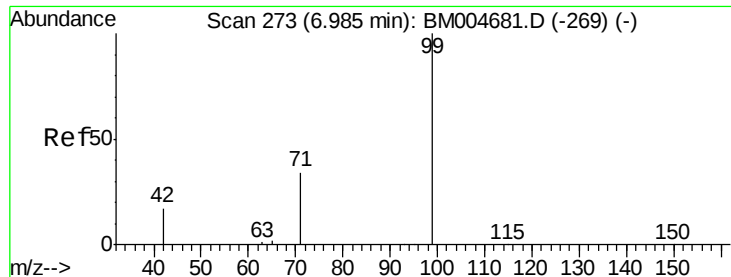
Ion 64.00 (63.70 to 64.70): BM004681.D (-172) (-)

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



Time-->





#5

Phenol-d6

Concen: 6.36 ng

RT: 6.99 min Scan# 273

Delta R.T. 0.00 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

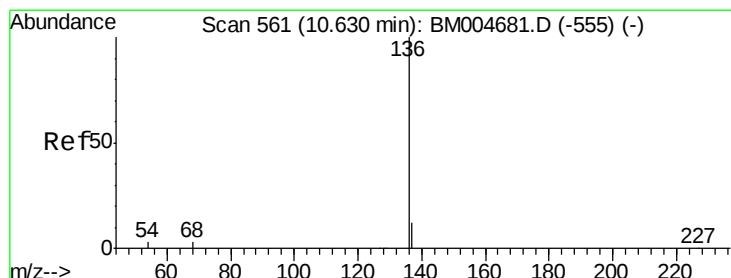
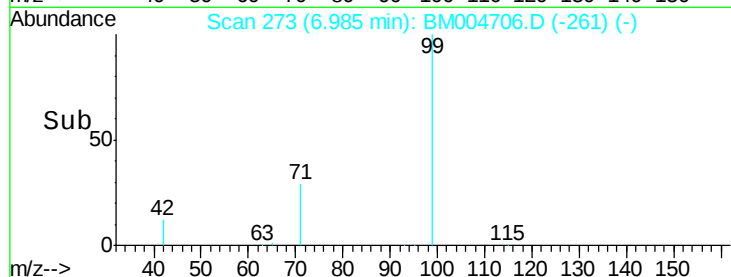
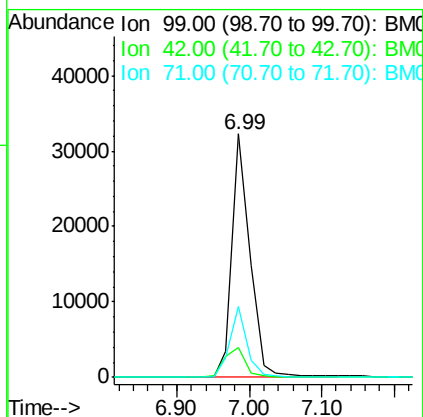
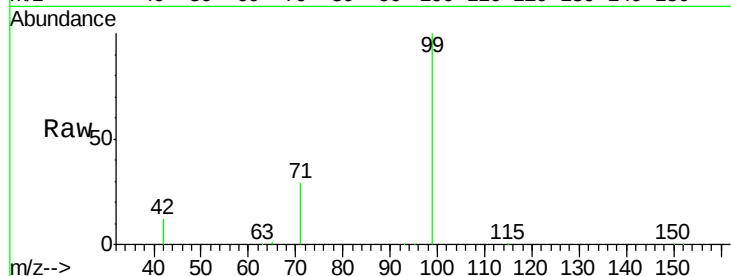
Tgt Ion: 99 Resp: 55118

Ion Ratio Lower Upper

99 100

42 14.0 12.7 19.1

71 27.6 22.9 34.3



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.61 min Scan# 560

Delta R.T. -0.02 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

Tgt Ion: 136 Resp: 120042

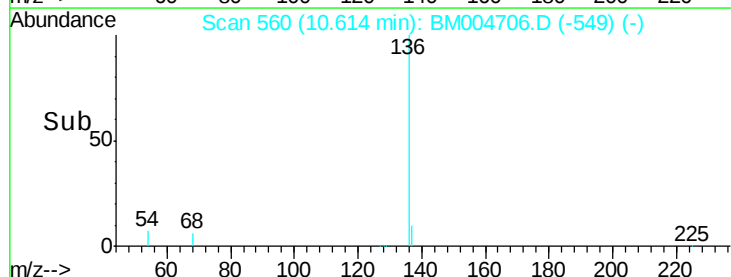
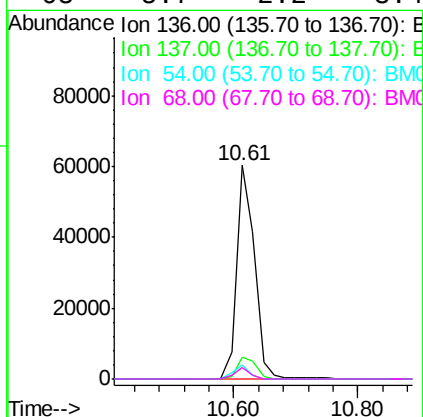
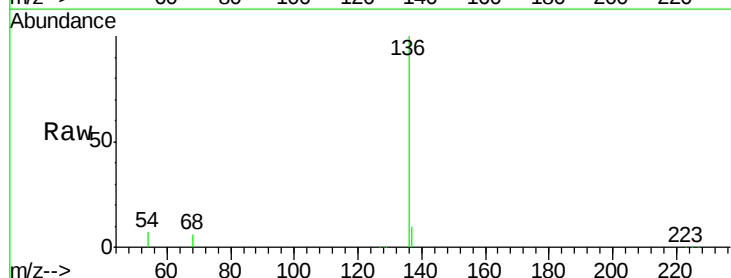
Ion Ratio Lower Upper

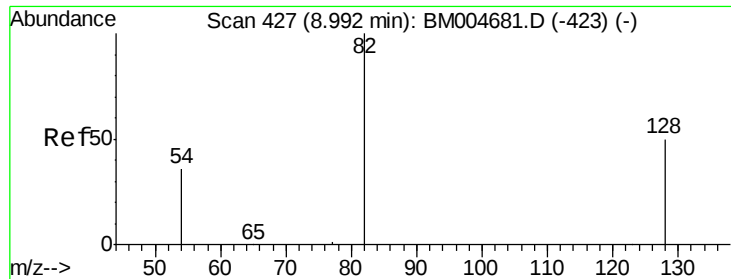
136 100

137 10.3 9.4 14.2

54 6.7 2.2 3.4#

68 5.7 2.2 3.4#





#7

Nitrobenzene-d5

Concen: 3.19 ng

RT: 8.99 min Scan# 427

Delta R.T. 0.00 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

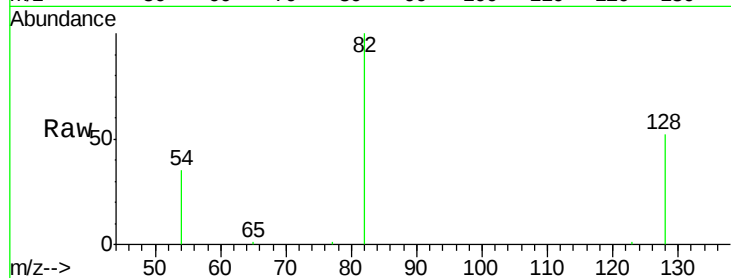
Tgt Ion: 82 Resp: 18445

Ion Ratio Lower Upper

82 100

128 52.4 41.8 62.8

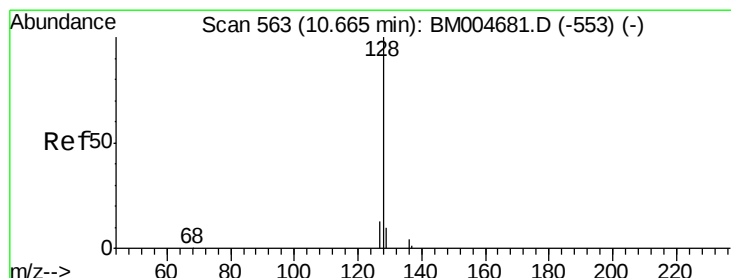
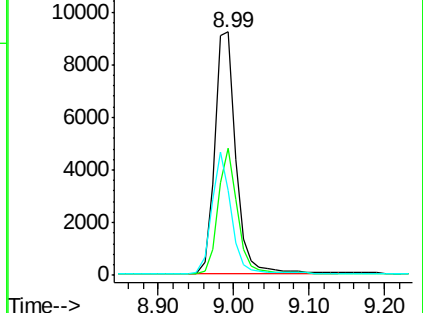
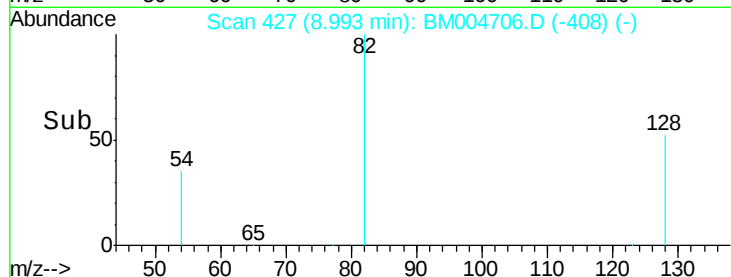
54 35.1 32.9 49.3



Abundance Ion 82.00 (81.70 to 82.70): BM004706.D (-408) (-)

Ion 128.00 (127.70 to 128.70): BM004706.D (-408) (-)

Ion 54.00 (53.70 to 54.70): BM004706.D (-408) (-)



#8

Naphthalene

Concen: 0.05 ng

RT: 10.66 min Scan# 563

Delta R.T. 0.00 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

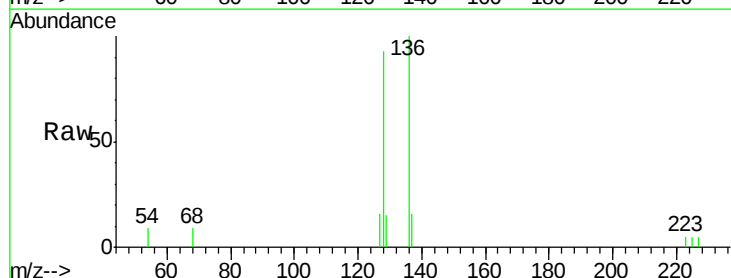
Tgt Ion: 128 Resp: 1722

Ion Ratio Lower Upper

128 100

129 15.6 8.9 13.3#

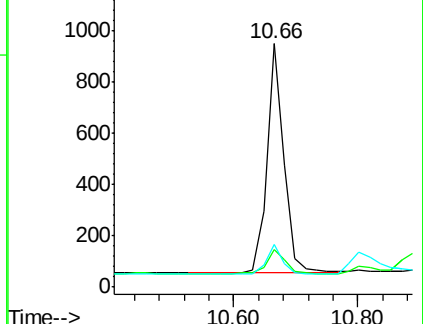
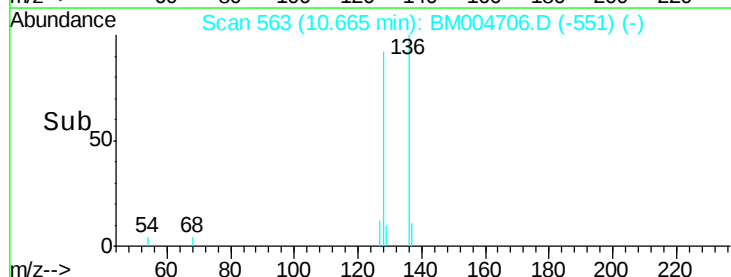
127 17.4 11.3 16.9#

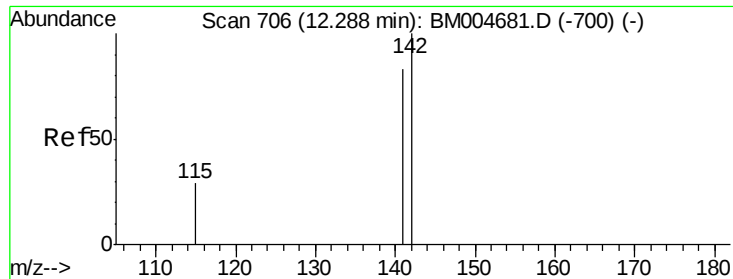


Abundance Ion 128.00 (127.70 to 128.70): BM004706.D (-551) (-)

Ion 129.00 (128.70 to 129.70): BM004706.D (-551) (-)

Ion 127.00 (126.70 to 127.70): BM004706.D (-551) (-)





#9

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.29 min Scan# 706

Delta R.T. 0.00 min

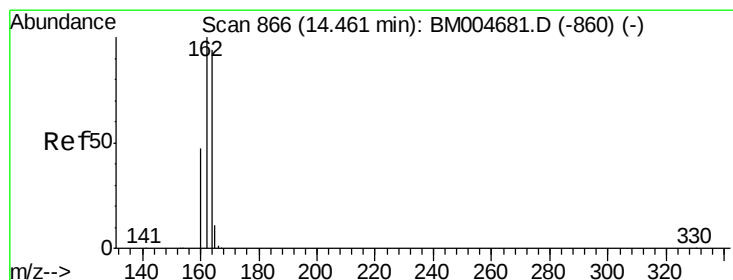
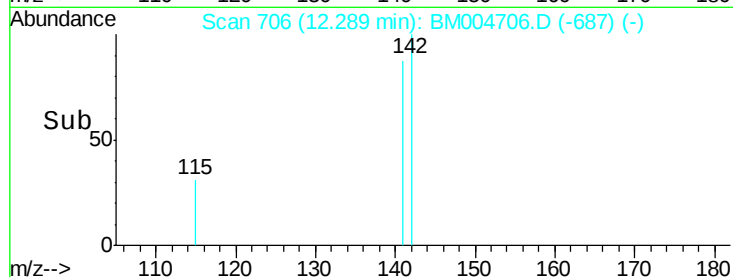
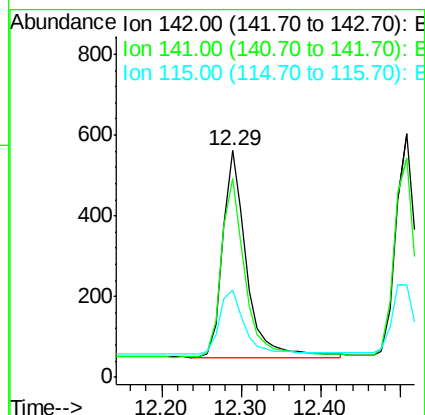
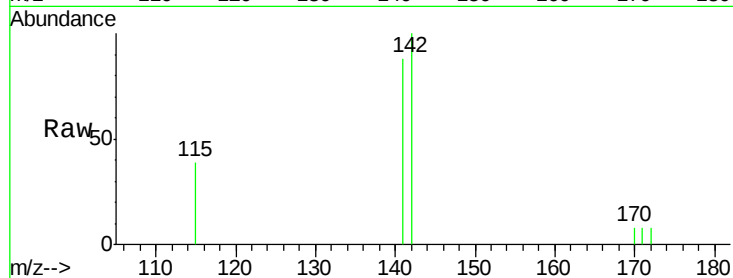
Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

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Tgt Ion:142 Resp: 1054

Ion	Ratio	Lower	Upper
142	100		
141	87.9	66.2	99.2
115	38.5	23.8	35.8#



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.46 min Scan# 866

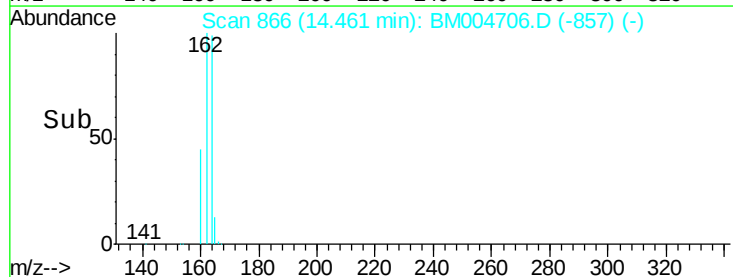
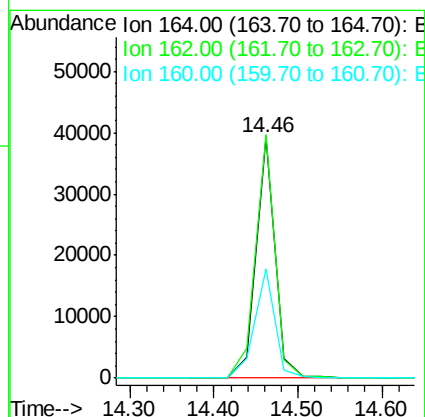
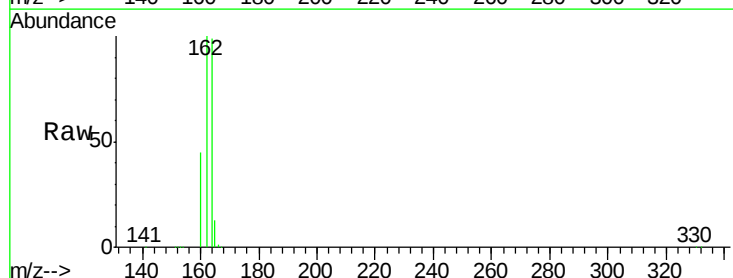
Delta R.T. 0.00 min

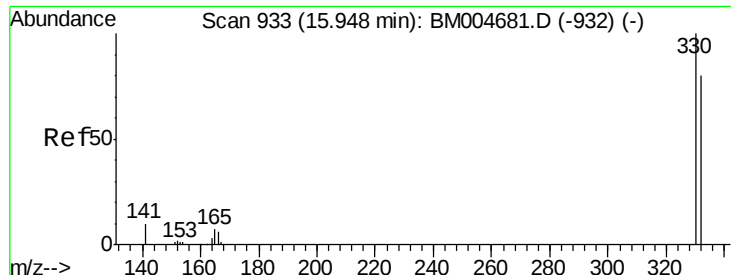
Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

Tgt Ion:164 Resp: 61716

Ion	Ratio	Lower	Upper
164	100		
162	101.0	85.4	128.0
160	45.3	40.2	60.2

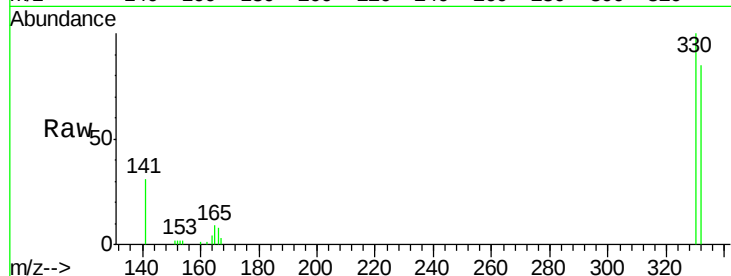




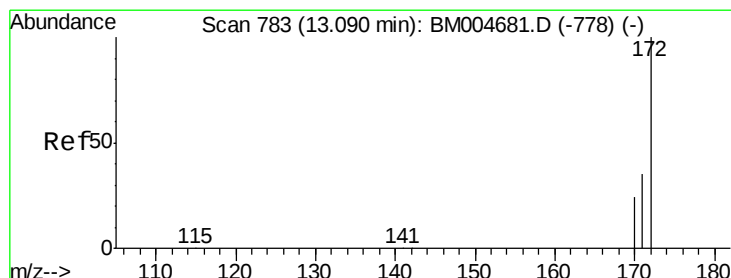
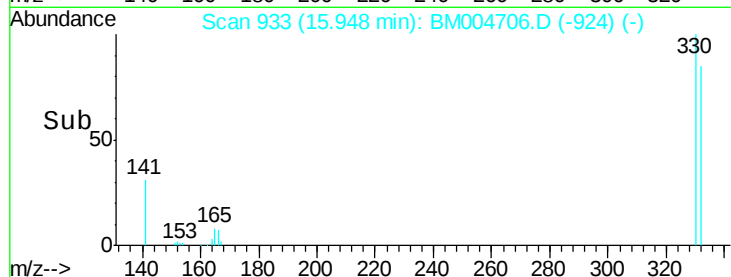
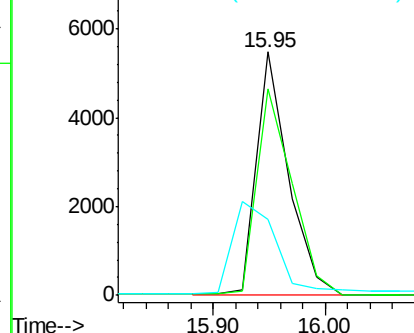
#11
 2,4,6-Tribromophenol
 Concen: 5.37 ng
 RT: 15.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004706.D
 Acq: 20 Mar 2016 15:04

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Tgt Ion:330 Resp: 10992
 Ion Ratio Lower Upper
 330 100
 332 93.8 93.9 140.9#
 141 0.0 42.2 63.2#

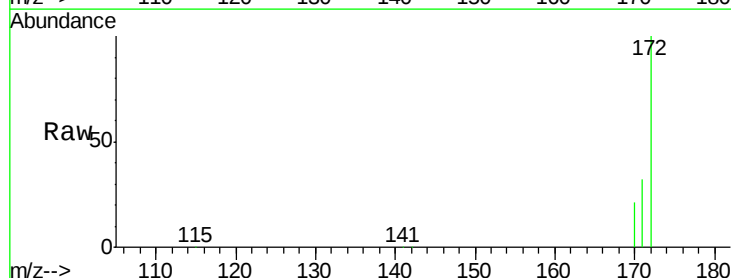


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

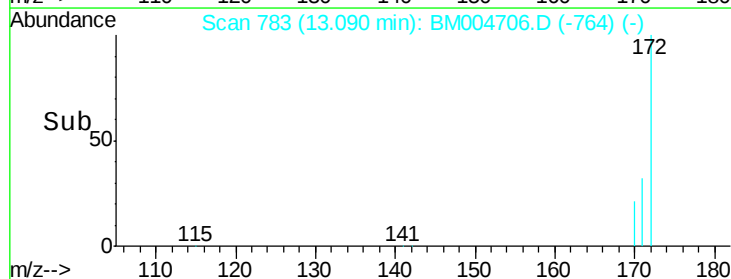
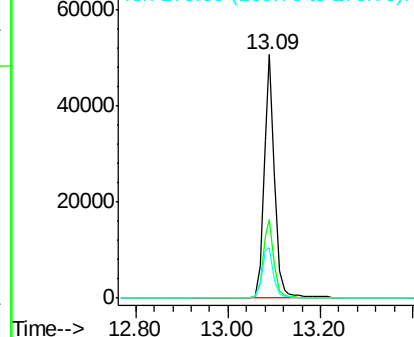


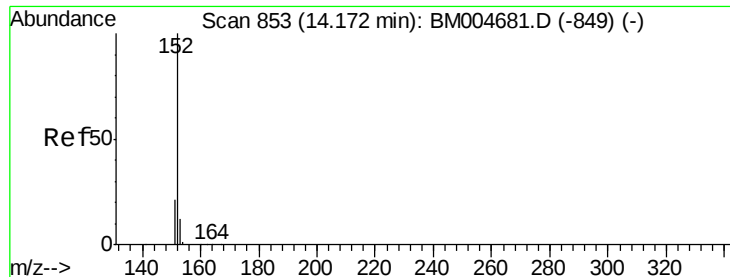
#12
 2-Fluorobiphenyl
 Concen: 4.51 ng
 RT: 13.09 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BM004706.D
 Acq: 20 Mar 2016 15:04

Tgt Ion:172 Resp: 79584
 Ion Ratio Lower Upper
 172 100
 171 32.4 28.2 42.2
 170 20.6 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: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

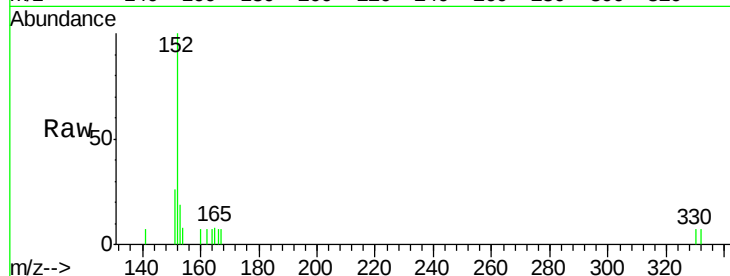
Tgt Ion:152 Resp: 1197

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 12.7 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

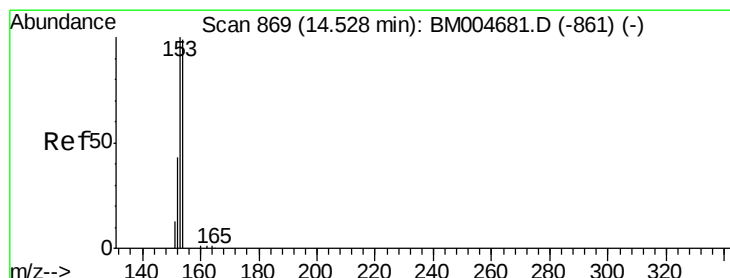
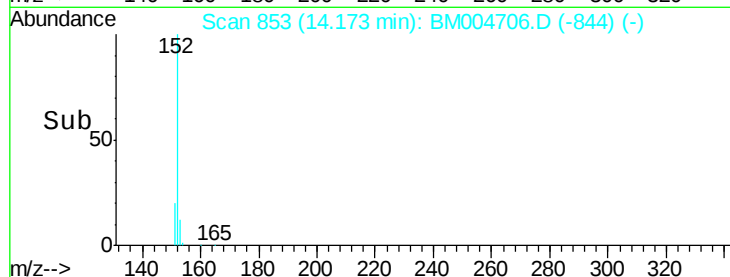
400

200

0

14.10 14.20 14.30

Time-->



#14

Acenaphthene

Concen: 0.06 ng

RT: 14.53 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

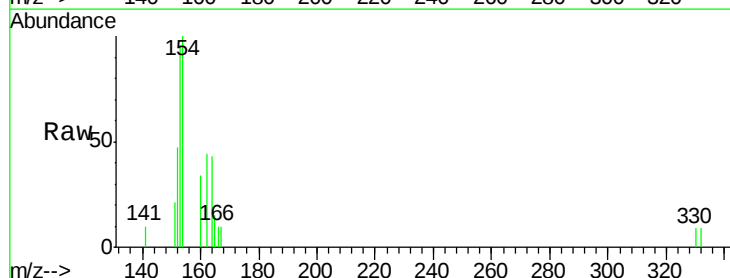
Tgt Ion:154 Resp: 1204

Ion Ratio Lower Upper

154 100

153 92.1 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

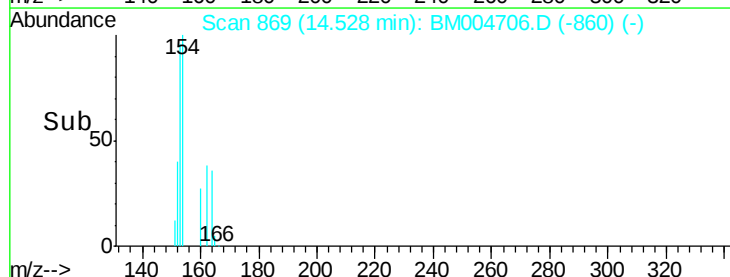
400

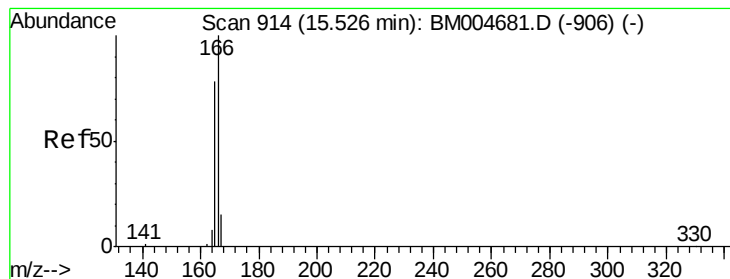
200

0

14.40 14.60

Time-->





#15

Fluorene

Concen: 0.05 ng

RT: 15.50 min Scan# 913

Delta R.T. -0.02 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

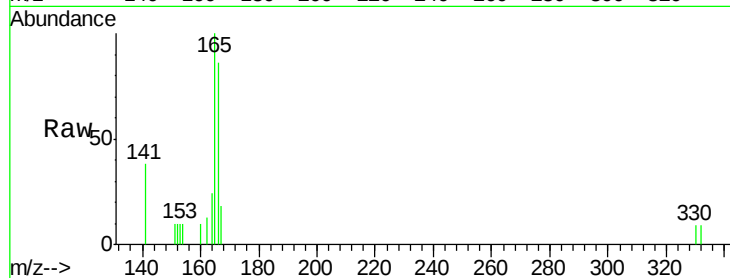
Tgt Ion:166 Resp: 1092

Ion Ratio Lower Upper

166 100

165 100.5 0.0 0.0#

167 0.0 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

15.50

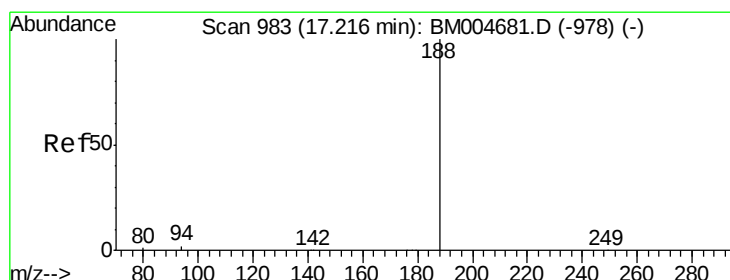
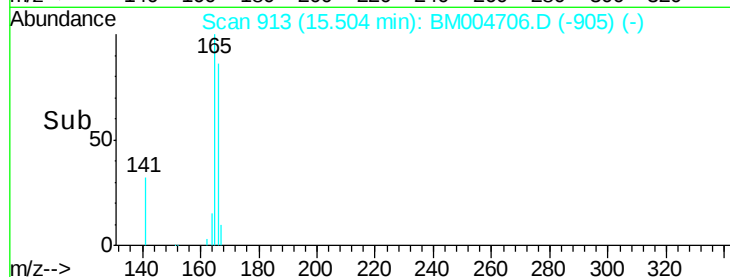
400

200

0

15.40 15.60

Time-->



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.03 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

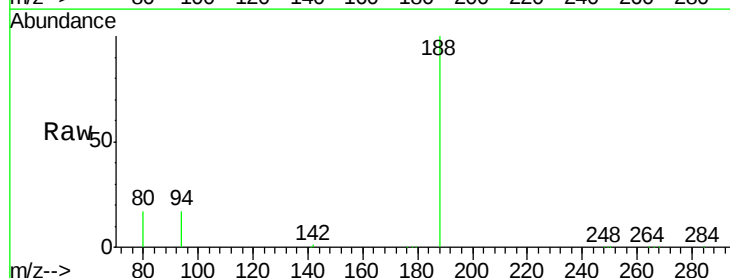
Tgt Ion:188 Resp: 122933

Ion Ratio Lower Upper

188 100

94 17.0 1.4 2.0#

80 17.3 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

17.19

60000

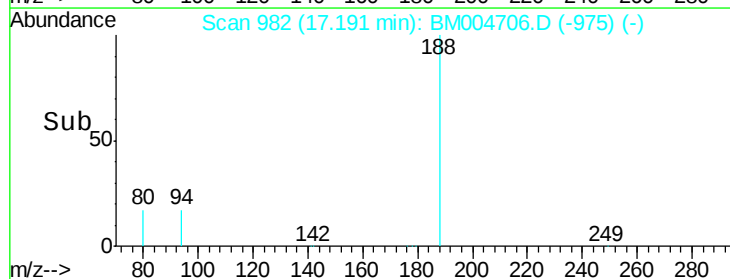
40000

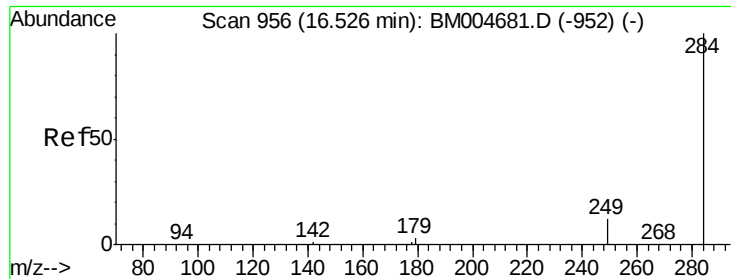
20000

0

17.10 17.20 17.30

Time-->

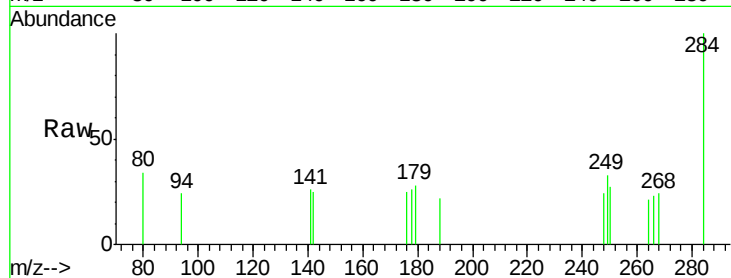




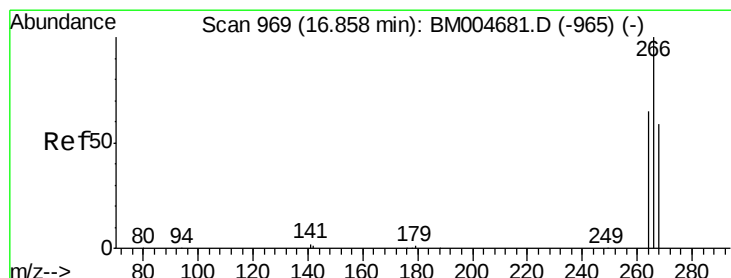
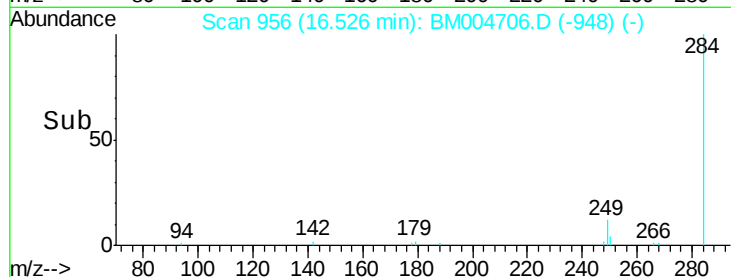
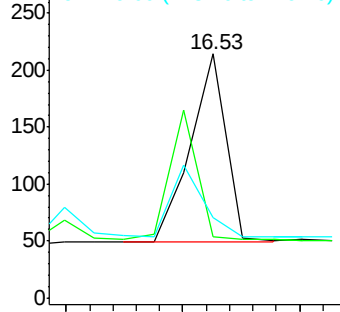
#17
Hexachlorobenzene
Concen: 0.05 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM004706.D
Acq: 20 Mar 2016 15:04

Instrument :
BNA_M
ClientSampleId :
MDL-06-W

Tgt Ion: 284 Resp: 354
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

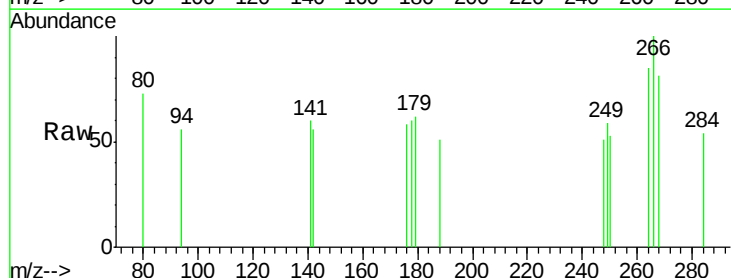


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

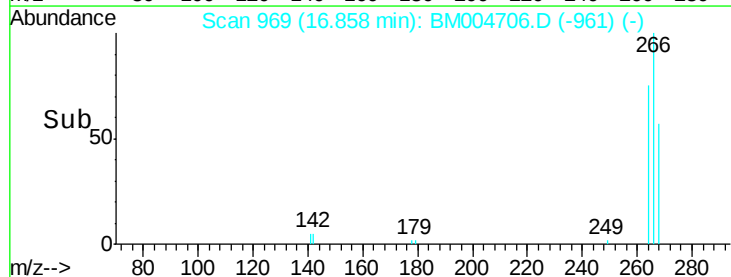
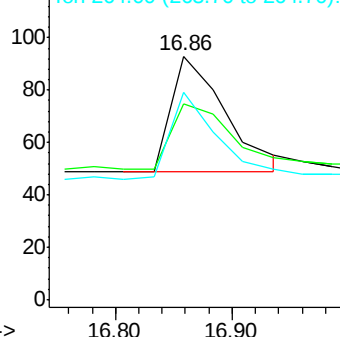


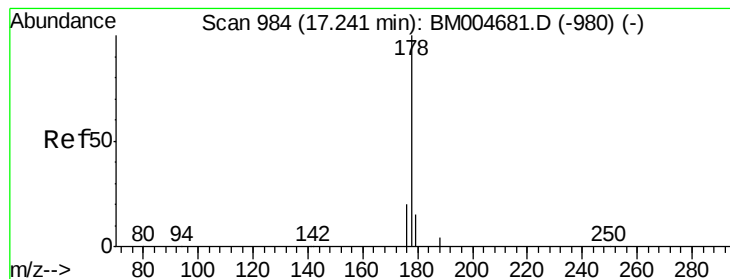
#18
Pentachlorophenol
Concen: 0.16 ng
RT: 16.86 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM004706.D
Acq: 20 Mar 2016 15:04

Tgt Ion: 266 Resp: 141
Ion Ratio Lower Upper
266 100
268 80.6 49.1 73.7#
264 84.9 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: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

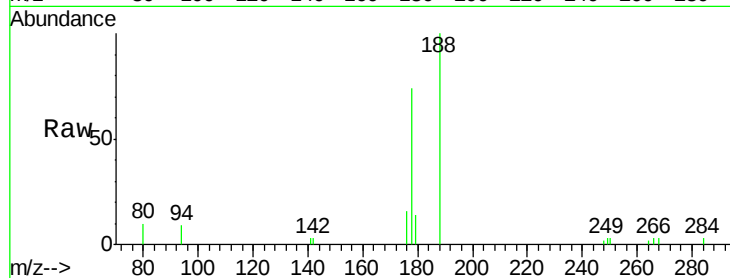
Tgt Ion:178 Resp: 2513

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

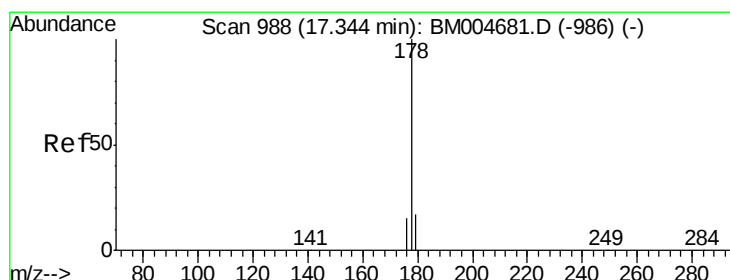
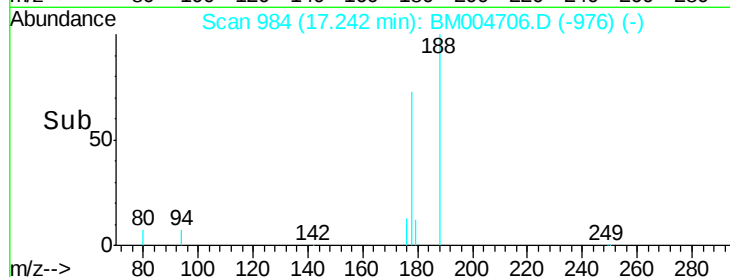
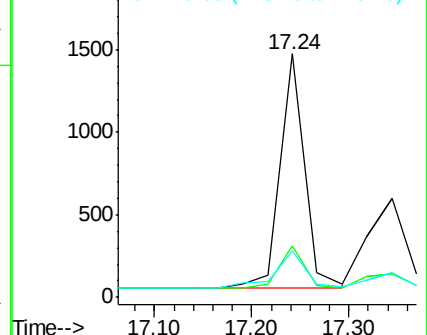
179 19.3 12.2 18.4#



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: BM004706.D

Acq: 20 Mar 2016 15:04

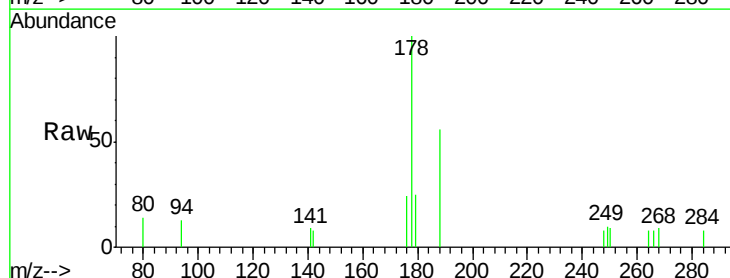
Tgt Ion:178 Resp: 1403

Ion Ratio Lower Upper

178 100

176 19.2 14.5 21.7

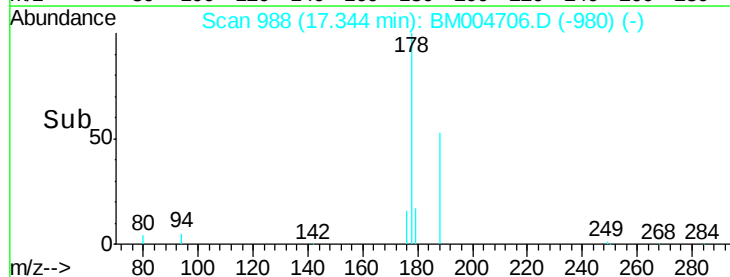
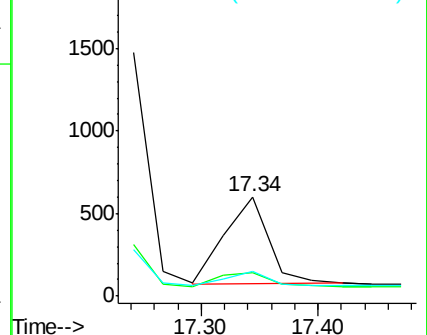
179 15.4 12.6 18.8

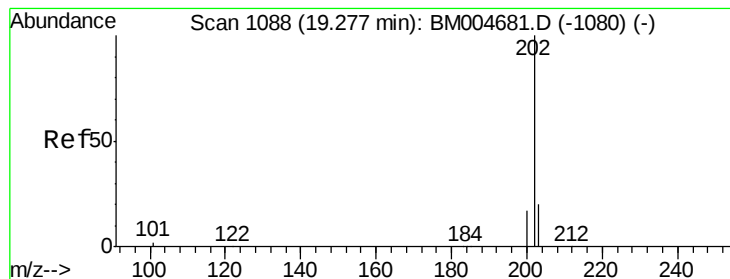


Abundance Ion 178.00 (177.70 to 178.70): E

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: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

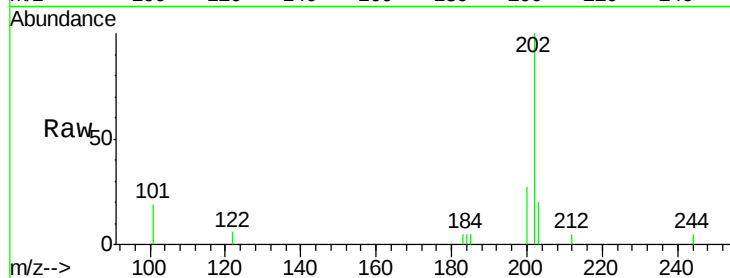
Tgt Ion: 202 Resp: 2060

Ion Ratio Lower Upper

202 100

101 11.1 8.7 13.1

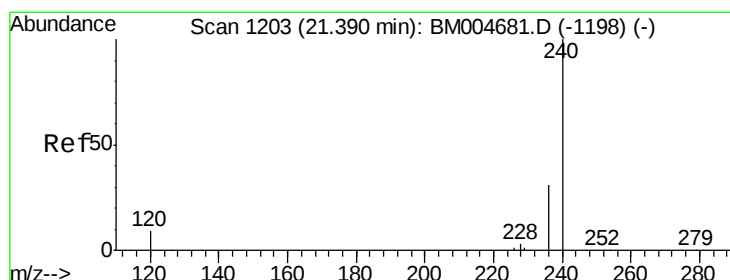
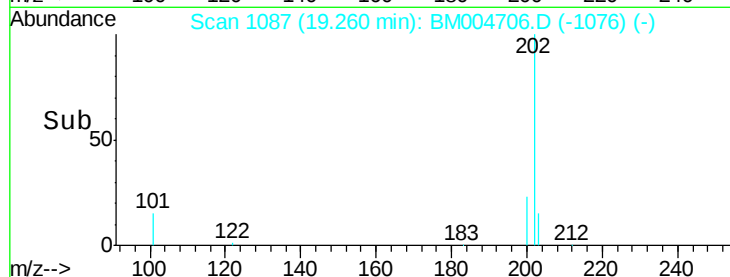
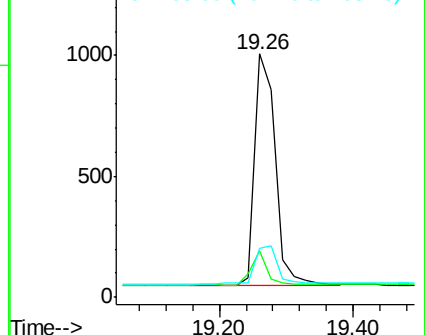
203 18.4 14.1 21.1



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: BM004706.D

Acq: 20 Mar 2016 15:04

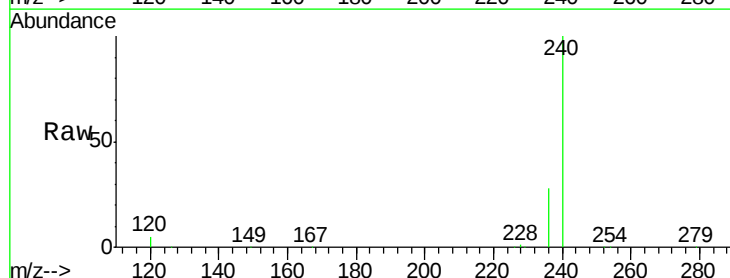
Tgt Ion: 240 Resp: 139048

Ion Ratio Lower Upper

240 100

120 5.5 7.4 11.2#

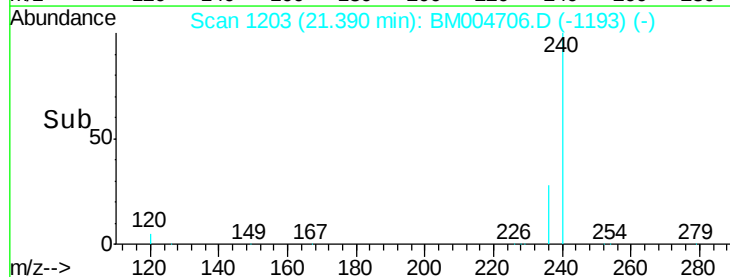
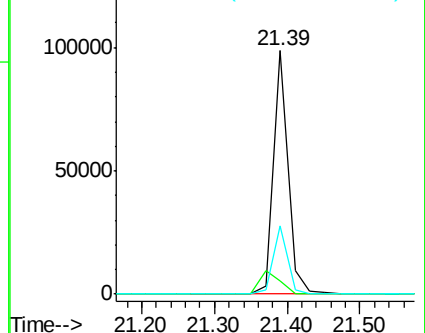
236 28.1 24.5 36.7

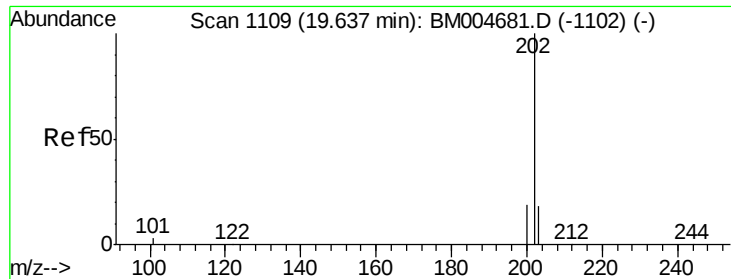


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

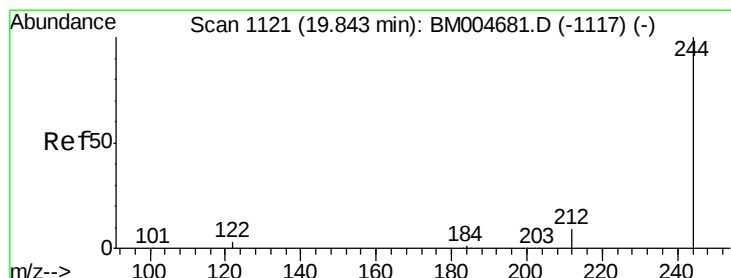
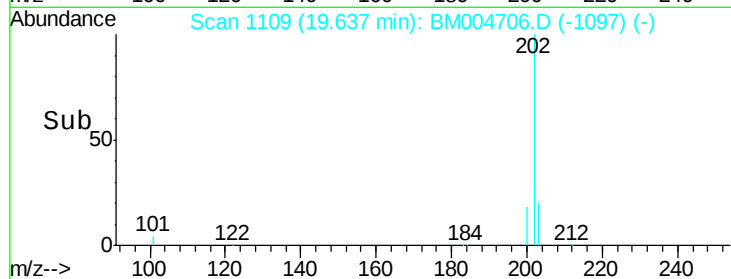
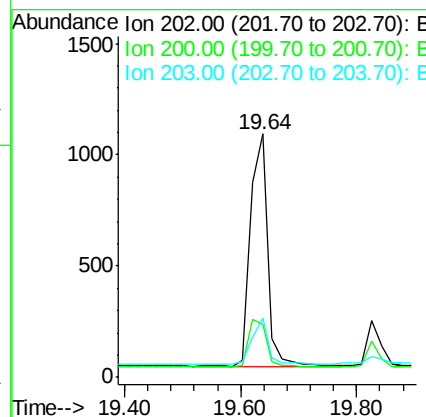
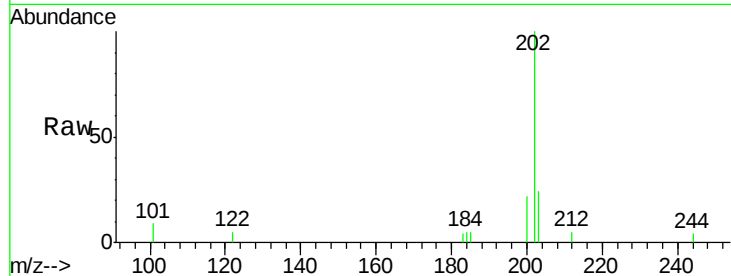




#23
Pyrene
Concen: 0.04 ng
RT: 19.64 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM004706.D
Acq: 20 Mar 2016 15:04

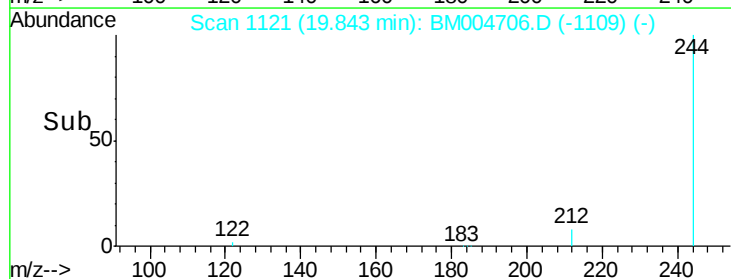
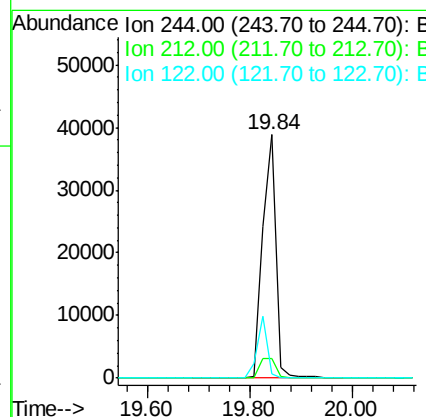
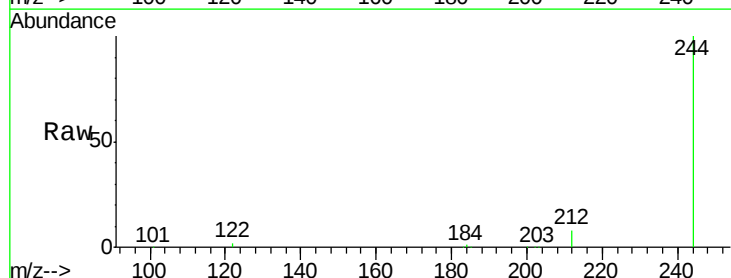
Instrument :
BNA_M
ClientSampleId :
MDL-06-W

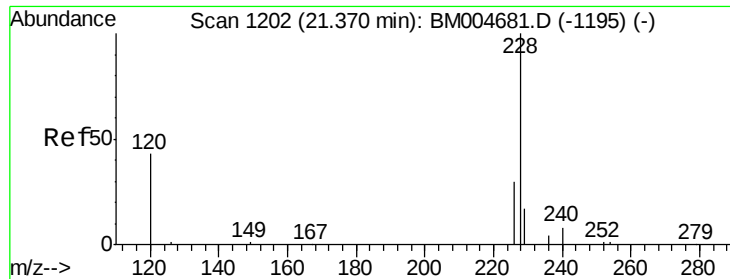
Tgt Ion: 202 Resp: 2166
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 18.5 13.9 20.9



#24
Terphenyl-d14
Concen: 3.88 ng
RT: 19.84 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM004706.D
Acq: 20 Mar 2016 15:04

Tgt Ion: 244 Resp: 68164
Ion Ratio Lower Upper
244 100
212 8.3 7.7 11.5
122 1.7 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: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

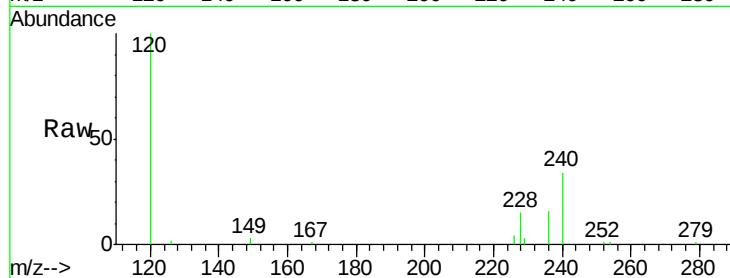
Tgt Ion:228 Resp: 2353

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

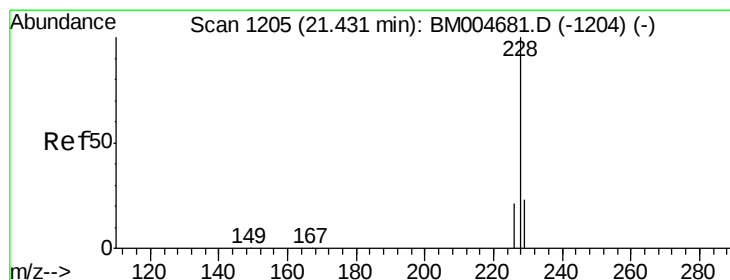
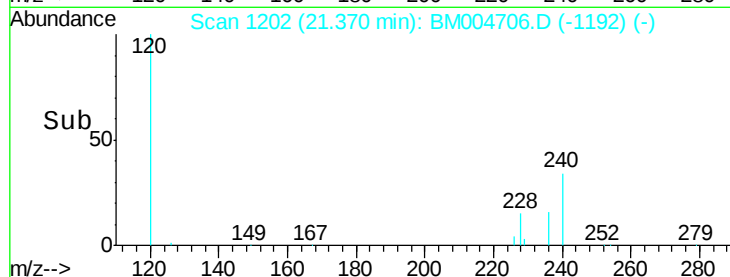
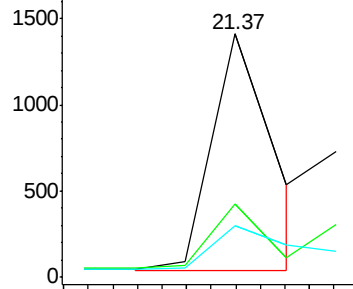
229 21.0 14.2 21.2



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: BM004706.D

Acq: 20 Mar 2016 15:04

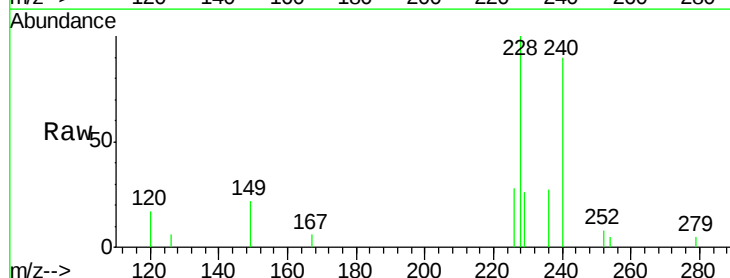
Tgt Ion:228 Resp: 2177

Ion Ratio Lower Upper

228 100

226 27.8 20.9 31.3

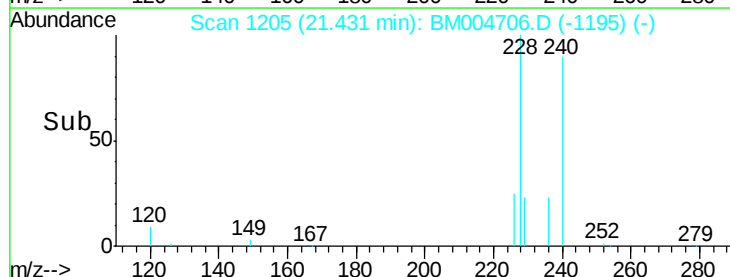
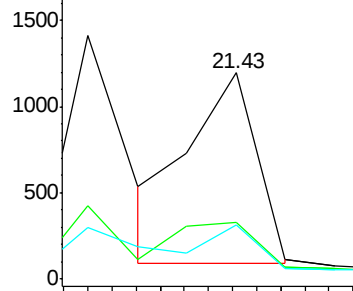
229 26.0 17.4 26.2

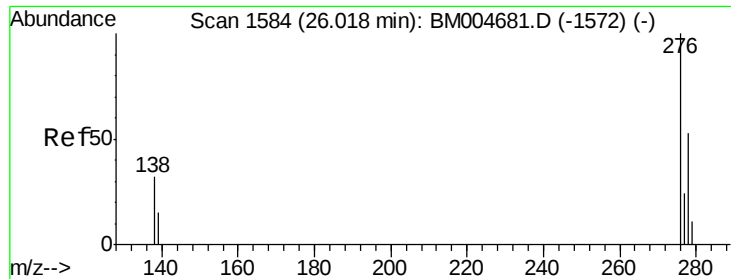


Abundance Ion 228.00 (227.70 to 228.70): E

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: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

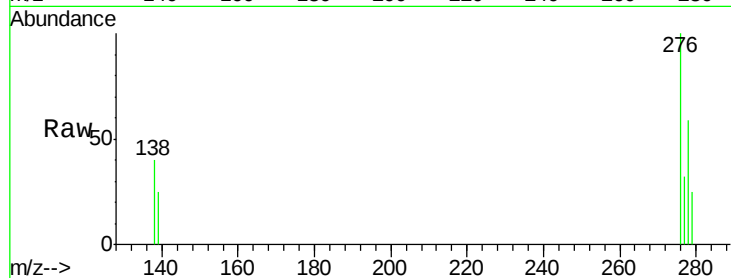
Tgt Ion:276 Resp: 1837

Ion Ratio Lower Upper

276 100

138 32.8 25.9 38.9

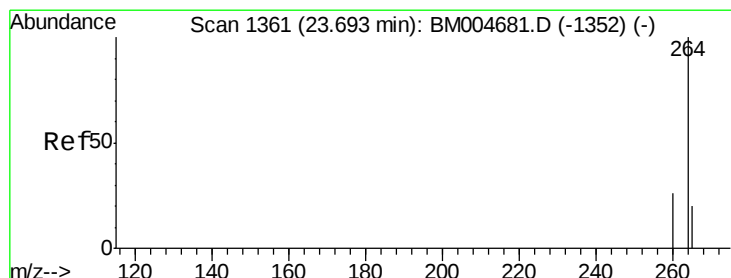
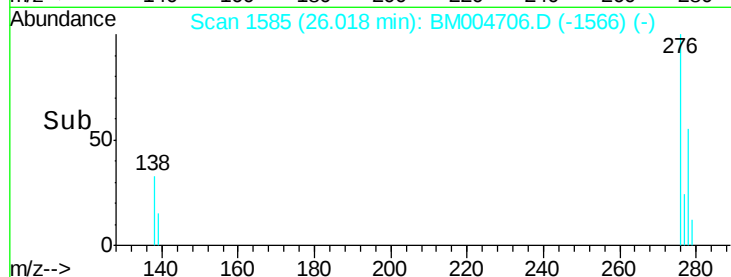
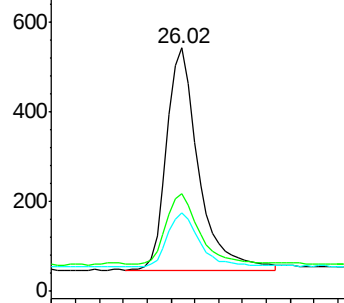
277 24.2 19.8 29.6



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



#28

Perylene-d12

Concen: 5.00 ng

RT: 23.69 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

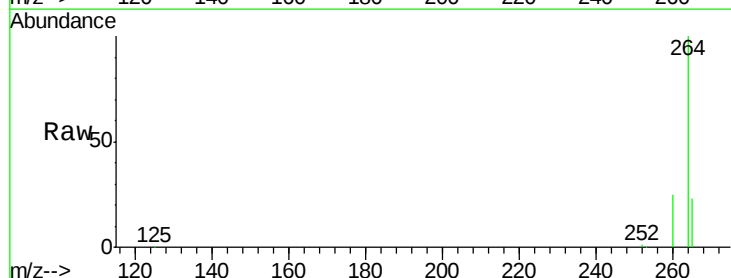
Tgt Ion:264 Resp: 112843

Ion Ratio Lower Upper

264 100

260 24.8 21.0 31.4

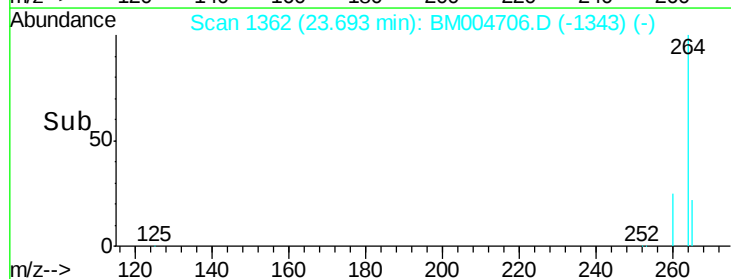
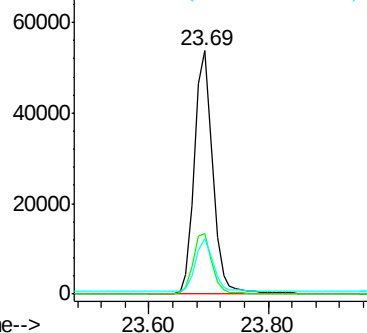
265 22.7 17.5 26.3

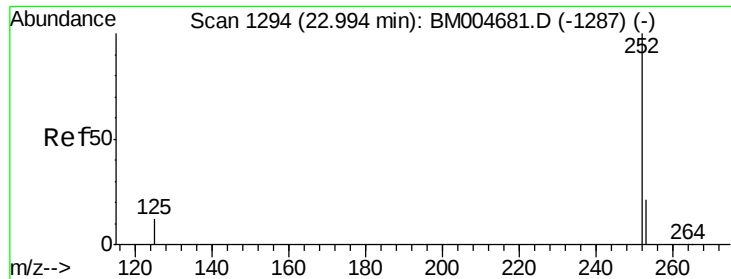


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#29

Benzo(b)fluoranthene

Concen: 0.05 ng

RT: 22.99 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

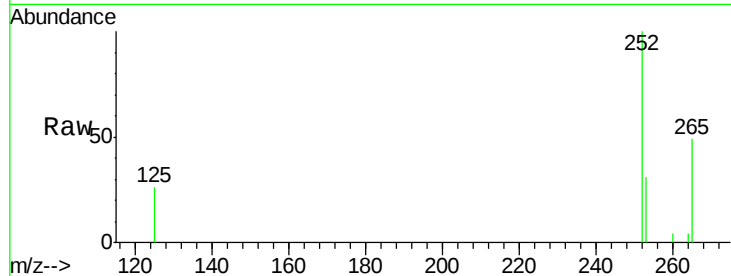
Tgt Ion:252 Resp: 2028

Ion Ratio Lower Upper

252 100

253 31.4 17.9 26.9#

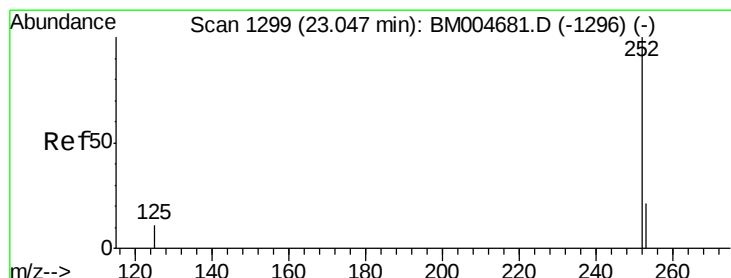
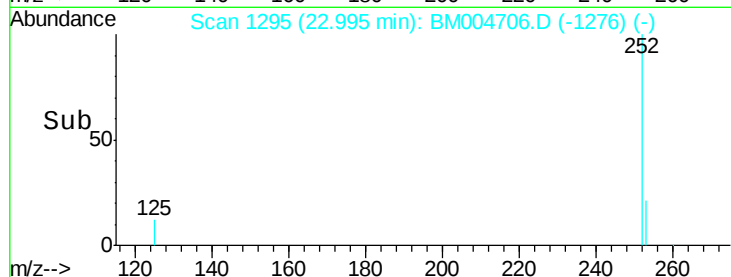
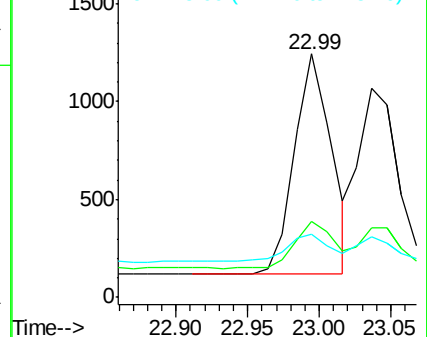
125 26.1 11.4 17.0#



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: BM004706.D

Acq: 20 Mar 2016 15:04

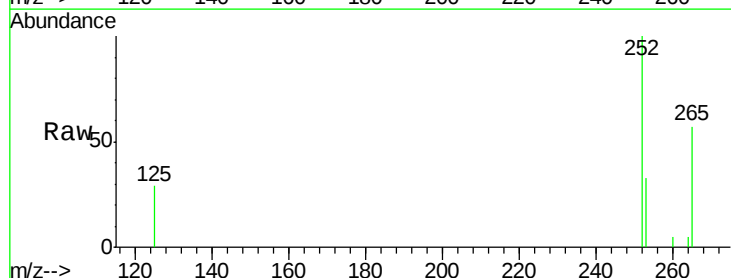
Tgt Ion:252 Resp: 1958

Ion Ratio Lower Upper

252 100

253 33.0 19.3 28.9#

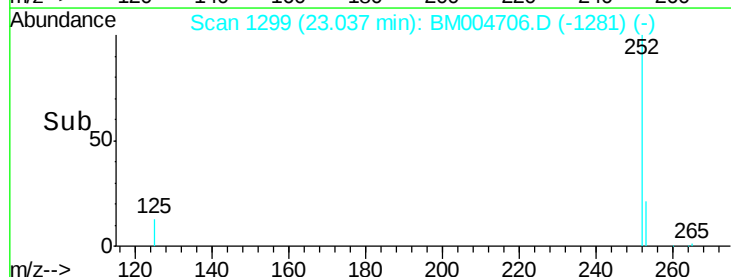
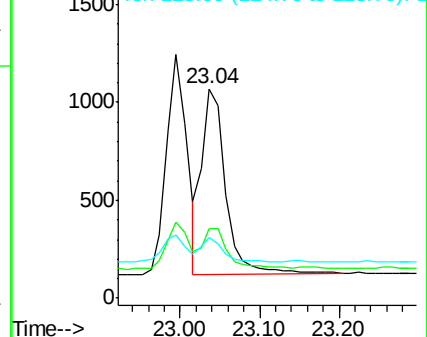
125 28.8 10.6 15.8#

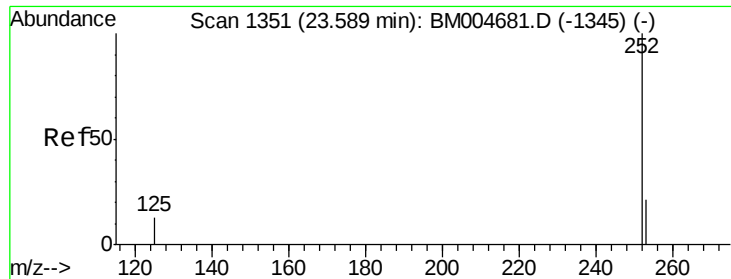


Abundance Ion 252.00 (251.70 to 252.70): E

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# 1352

Delta R.T. 0.00 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

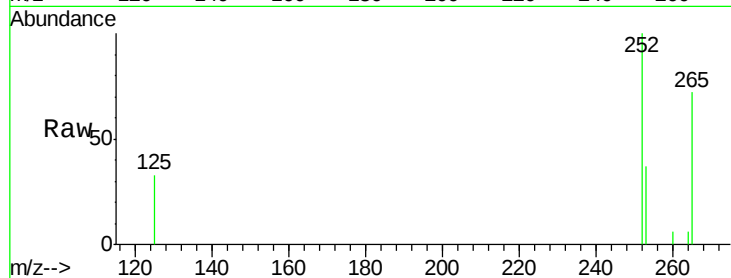
Tgt Ion: 252 Resp: 1676

Ion Ratio Lower Upper

252 100

253 37.2 18.6 28.0#

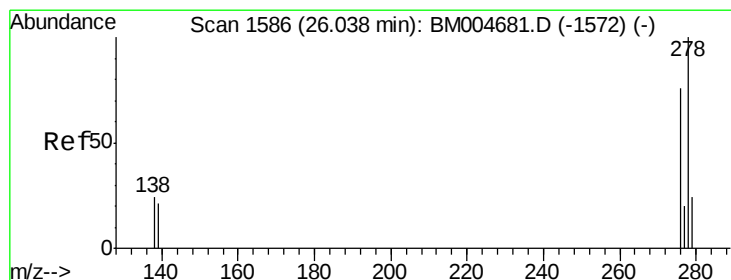
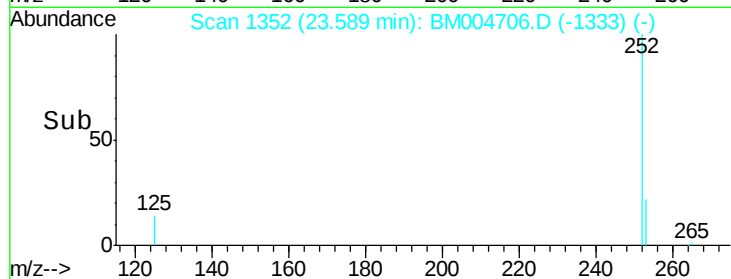
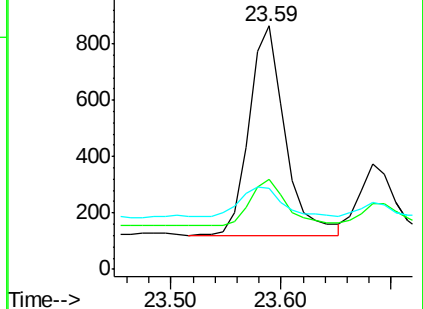
125 33.2 12.3 18.5#



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# 1587

Delta R.T. 0.00 min

Lab File: BM004706.D

Acq: 20 Mar 2016 15:04

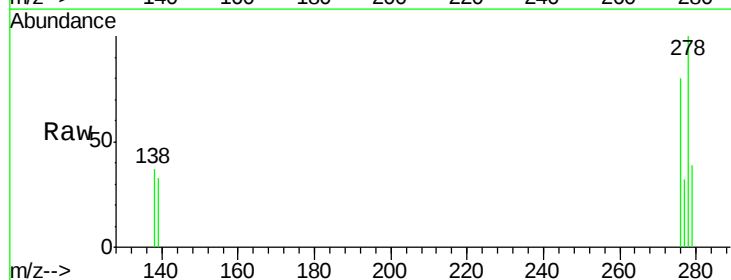
Tgt Ion: 278 Resp: 1419

Ion Ratio Lower Upper

278 100

139 32.8 17.6 26.4#

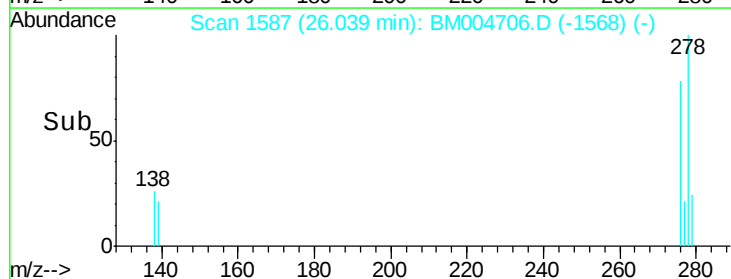
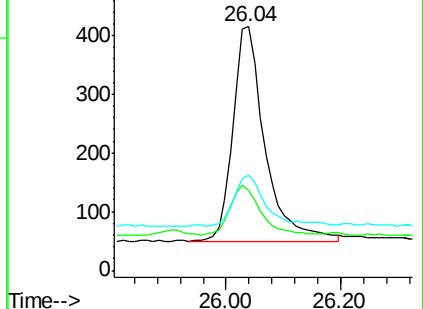
279 39.3 19.9 29.9#

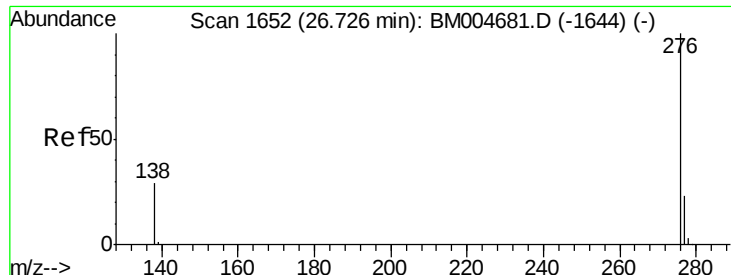


Abundance Ion 278.00 (277.70 to 278.70): E

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: BM004706.D

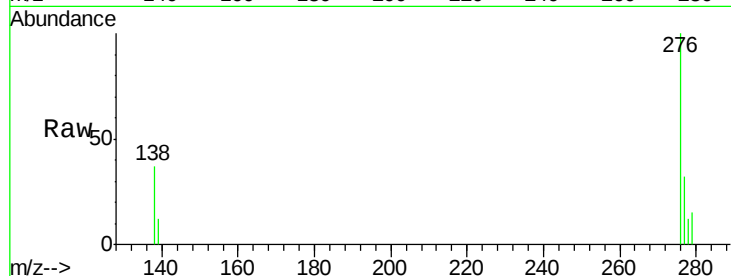
Acq: 20 Mar 2016 15:04

Instrument :

BNA_M

ClientSampleId :

MDL-06-W



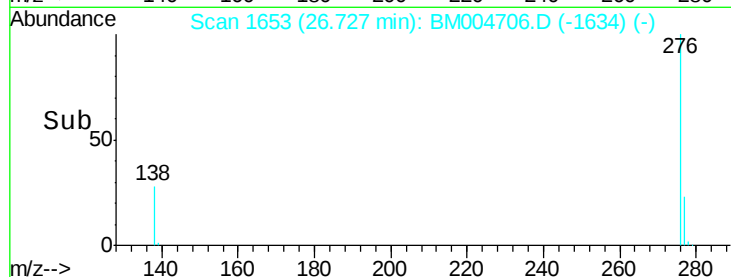
Tgt Ion: 276 Resp: 1746

Ion Ratio Lower Upper

276 100

277 31.7 19.1 28.7#

138 37.0 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

