

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031816\
 Data File : BM004696.D
 Acq On : 19 Mar 2016 00:23
 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 01:15:22 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	27763	5.00	ng	0.00
6) Naphthalene-d8	10.61	136	109500	5.00	ng	-0.02
10) Acenaphthene-d10	14.46	164	58674	5.00	ng	0.00
16) Phenanthrene-d10	17.19	188	107240	5.00	ng	-0.03
22) Chrysene-d12	21.39	240	131044	5.00	ng	0.00
28) Perylene-d12	23.69	264	107302	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	41337	6.45	ng	0.00
5) Phenol-d6	6.99	99	49743	6.34	ng	0.00
7) Nitrobenzene-d5	8.99	82	17810	3.38	ng	0.00
11) 2,4,6-Tribromophenol	15.95	330	11636	5.98	ng	0.00
12) 2-Fluorobiphenyl	13.09	172	68989	4.11	ng	0.00
24) Terphenyl-d14	19.84	244	61887	3.74	ng	0.00

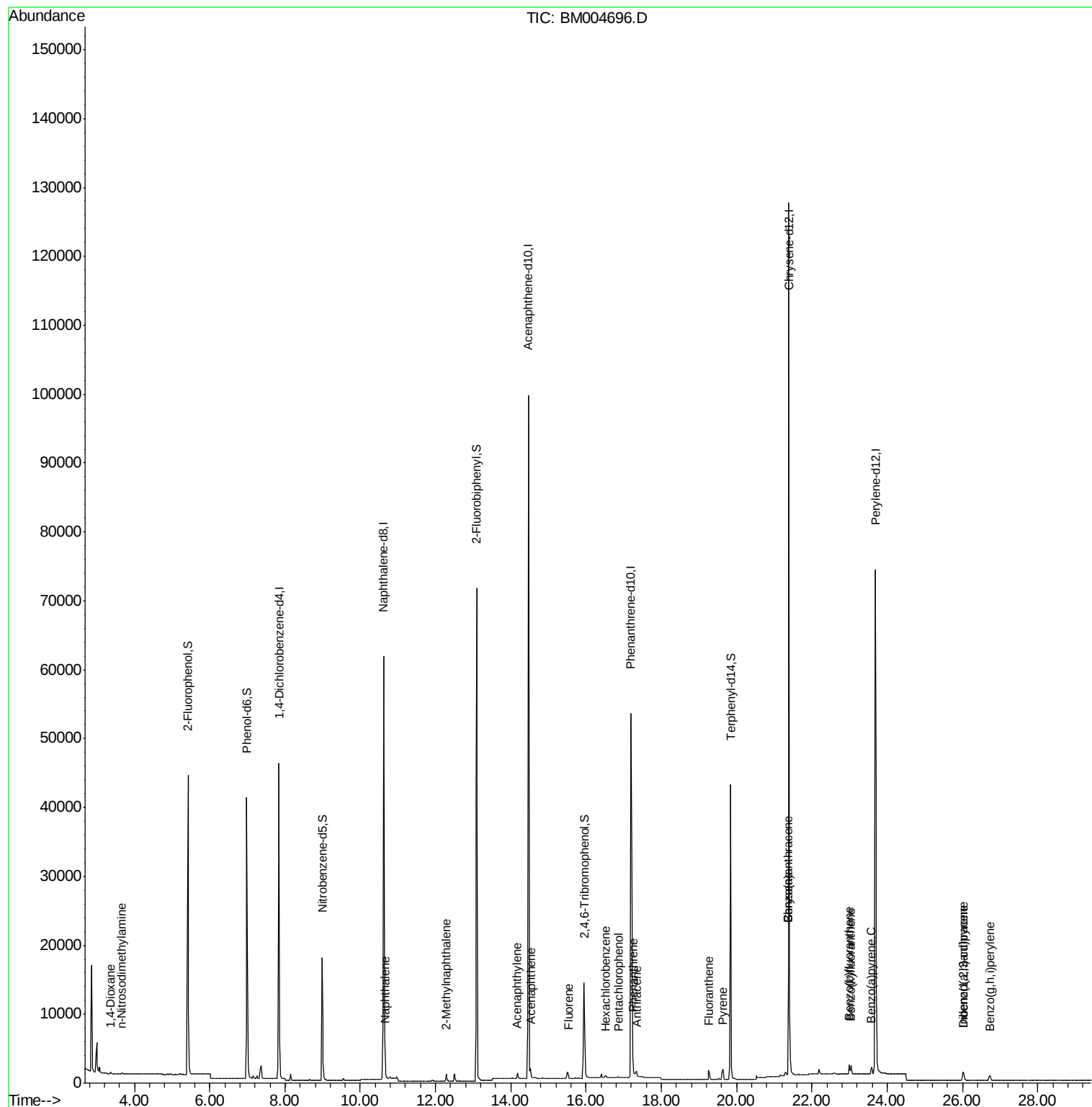
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	279	0.03	ng	# 76
3) n-Nitrosodimethylamine	3.66	42	143	0.05	ng	# 81
8) Naphthalene	10.66	128	1436	0.05	ng	# 87
9) 2-Methylnaphthalene	12.29	142	886	0.05	ng	# 92
13) Acenaphthylene	14.17	152	1080	0.04	ng	99
14) Acenaphthene	14.53	154	1051	0.05	ng	85
15) Fluorene	15.53	166	928	0.04	ng	# 99
17) Hexachlorobenzene	16.53	284	307	0.05	ng	# 100
18) Pentachlorophenol	16.86	266	166	0.17	ng	# 84
19) Phenanthrene	17.24	178	2174	0.05	ng	# 95
20) Anthracene	17.34	178	1225	0.04	ng	100
21) Fluoranthene	19.26	202	1811	0.04	ng	97
23) Pyrene	19.64	202	1956	0.04	ng	97
25) Benzo(a)anthracene	21.37	228	4158	0.08	ng	# 96
26) Chrysene	21.37	228	4187	0.11	ng	96
27) Indeno(1,2,3-cd)pyrene	26.02	276	1689	0.04	ng	99
29) Benzo(b)fluoranthene	22.99	252	1882	0.05	ng	# 71
30) Benzo(k)fluoranthene	23.04	252	1714	0.04	ng	# 71
31) Benzo(a)pyrene	23.58	252	1555	0.04	ng	# 59
32) Dibenzo(a,h)anthracene	26.03	278	1330	0.04	ng	# 72
33) Benzo(g,h,i)perylene	26.73	276	1567	0.05	ng	# 85

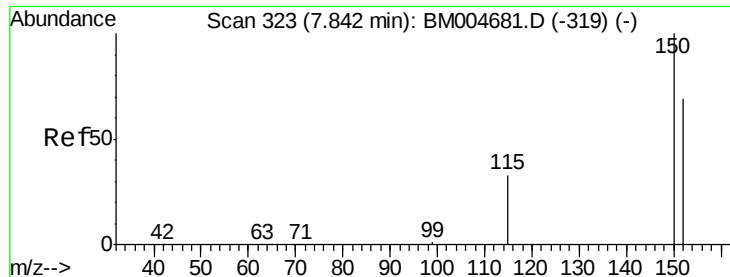
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

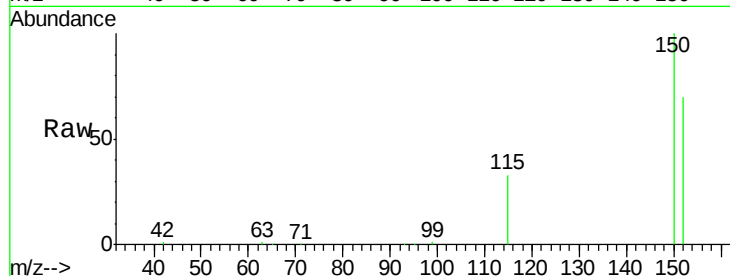
Tgt Ion:152 Resp: 27763

Ion Ratio Lower Upper

152 100

150 141.9 115.9 173.9

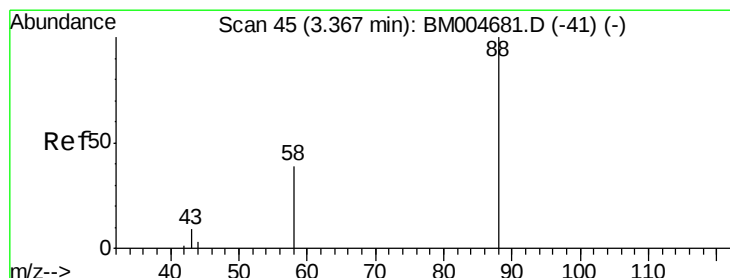
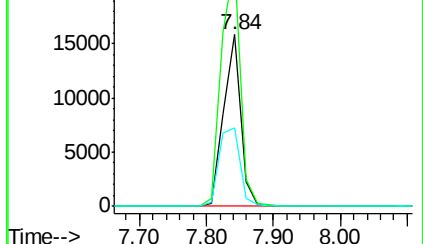
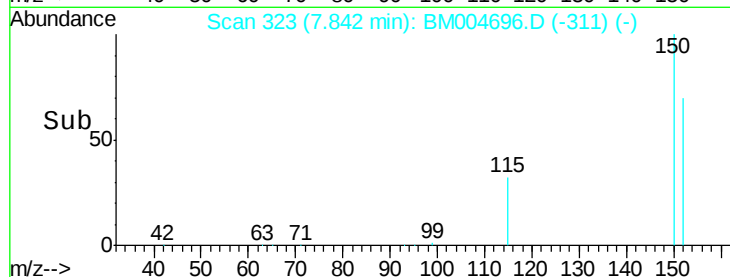
115 46.1 38.4 57.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.03 ng

RT: 3.37 min Scan# 45

Delta R.T. 0.00 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

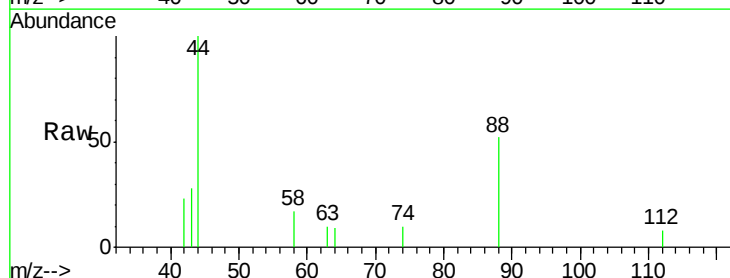
Tgt Ion: 88 Resp: 279

Ion Ratio Lower Upper

88 100

58 32.6 43.9 65.9#

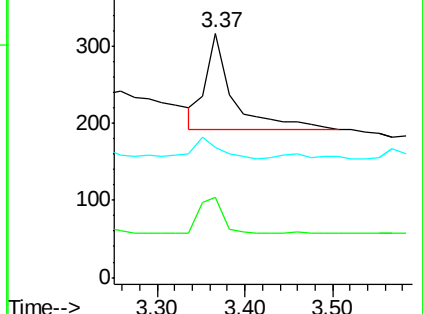
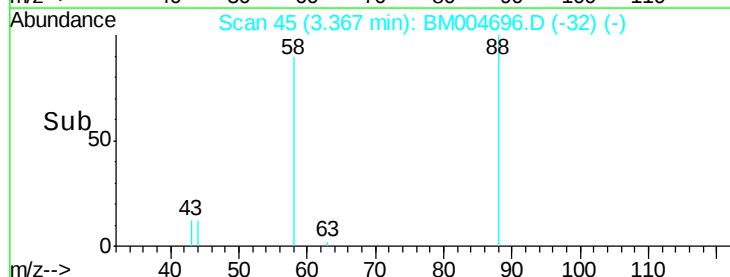
43 20.4 19.9 29.9

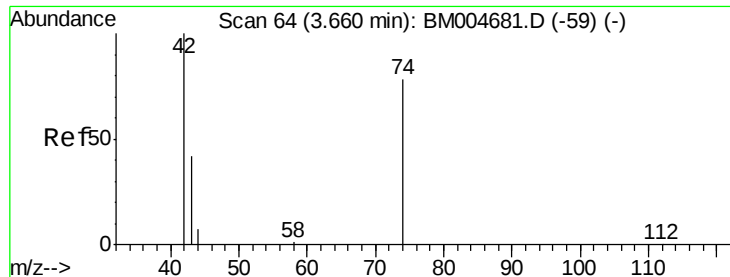


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

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MDL-07-W

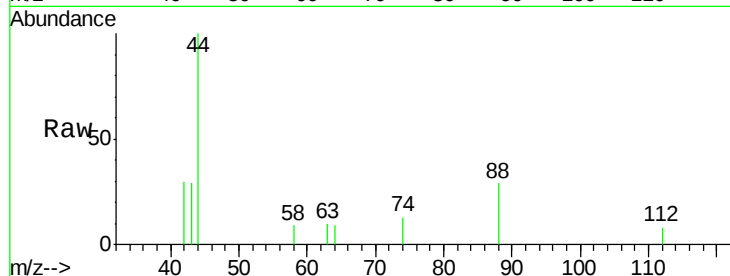
Tgt Ion: 42 Resp: 143

Ion Ratio Lower Upper

42 100

74 126.6 120.9 181.3

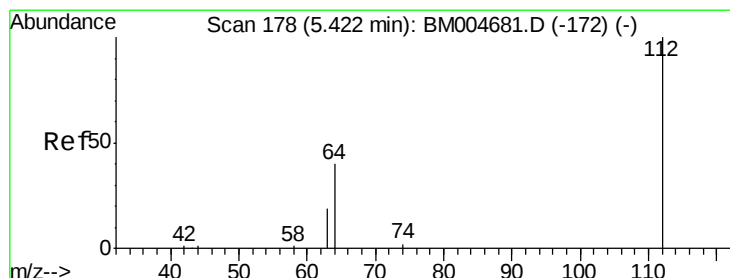
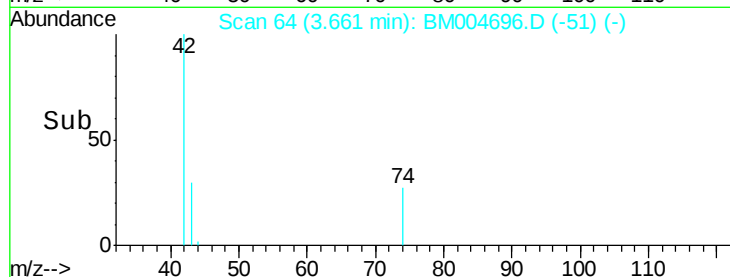
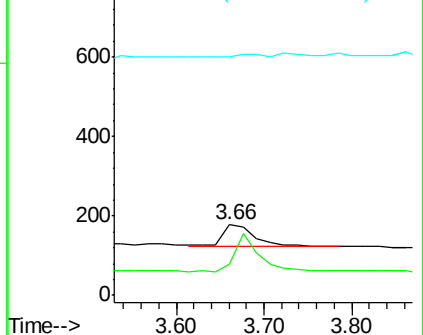
44 9.1 6.0 9.0#



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) (-)



#4

2-Fluorophenol

Concen: 6.45 ng

RT: 5.42 min Scan# 178

Delta R.T. 0.00 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

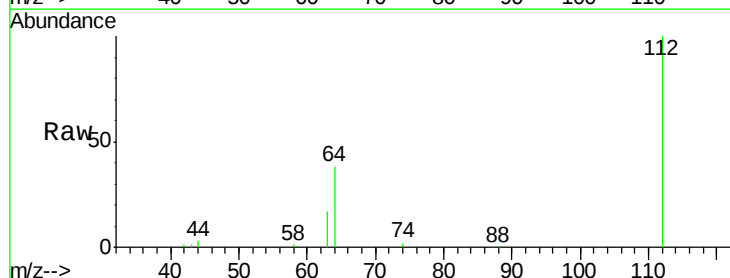
Tgt Ion: 112 Resp: 41337

Ion Ratio Lower Upper

112 100

64 46.6 37.0 55.6

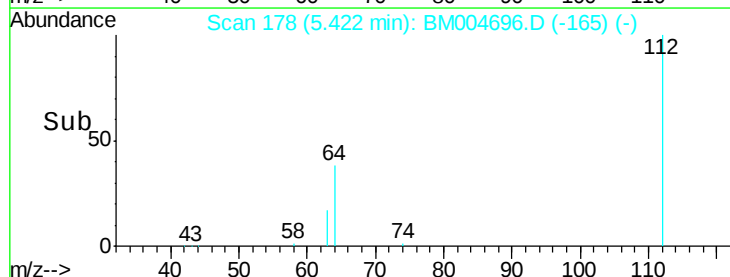
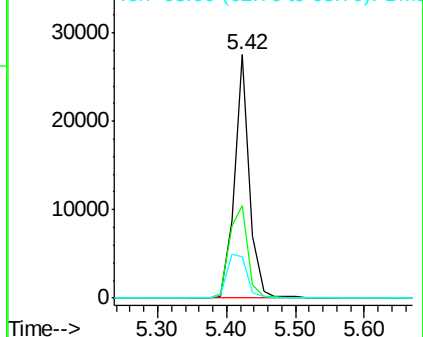
63 24.0 19.3 28.9

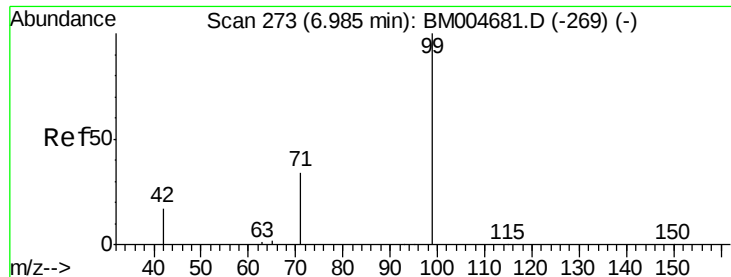


Abundance Ion 112.00 (111.70 to 112.70): BM004681.D (-172) (-)

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

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





#5

Phenol-d6

Concen: 6.34 ng

RT: 6.99 min Scan# 273

Delta R.T. 0.00 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

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ClientSampleId :

MDL-07-W

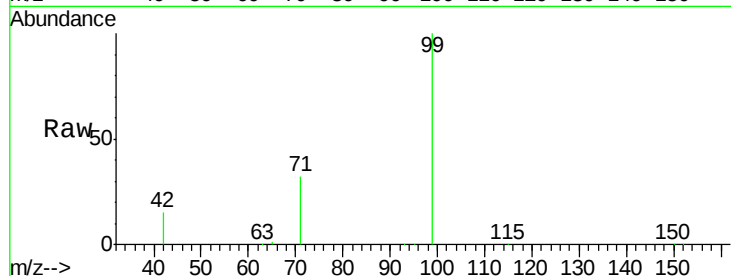
Tgt Ion: 99 Resp: 49743

Ion Ratio Lower Upper

99 100

42 14.2 12.7 19.1

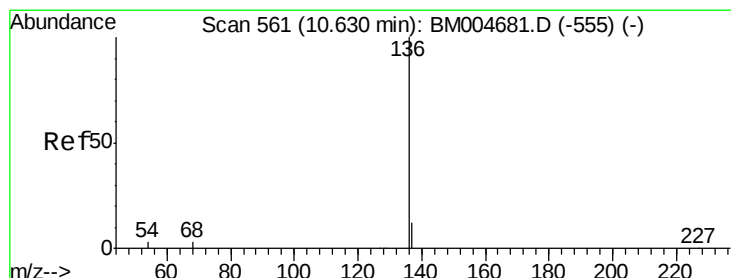
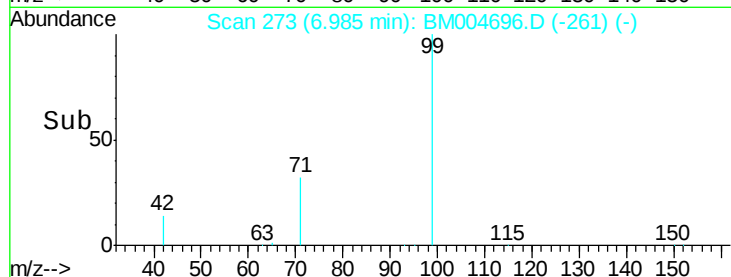
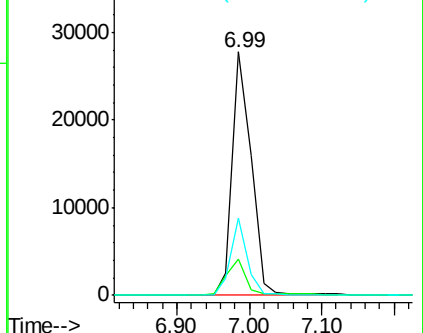
71 27.9 22.9 34.3



Abundance Ion 99.00 (98.70 to 99.70): BM004696.D (-549) (-)

Ion 42.00 (41.70 to 42.70): BM004696.D (-549) (-)

Ion 71.00 (70.70 to 71.70): BM004696.D (-549) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.61 min Scan# 560

Delta R.T. -0.02 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

Tgt Ion: 136 Resp: 109500

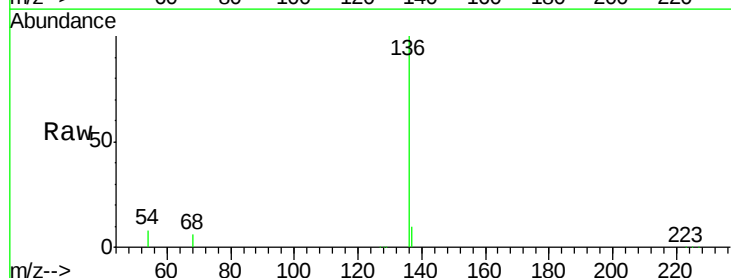
Ion Ratio Lower Upper

136 100

137 10.1 9.4 14.2

54 7.7 2.2 3.4#

68 6.4 2.2 3.4#

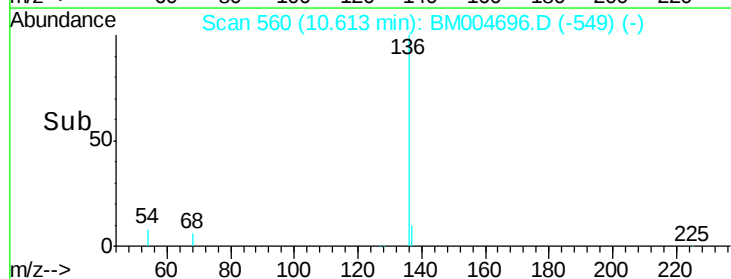
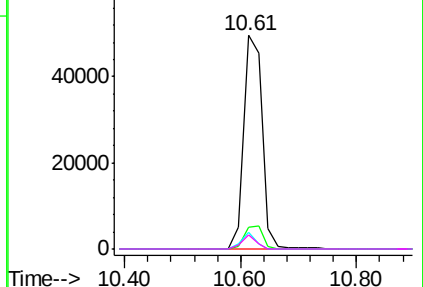


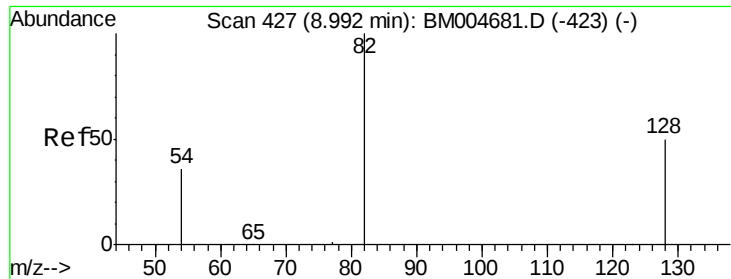
Abundance Ion 136.00 (135.70 to 136.70): BM004696.D (-549) (-)

Ion 137.00 (136.70 to 137.70): BM004696.D (-549) (-)

Ion 54.00 (53.70 to 54.70): BM004696.D (-549) (-)

Ion 68.00 (67.70 to 68.70): BM004696.D (-549) (-)





#7

Nitrobenzene-d5

Concen: 3.38 ng

RT: 8.99 min Scan# 427

Delta R.T. 0.00 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

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ClientSampleId :

MDL-07-W

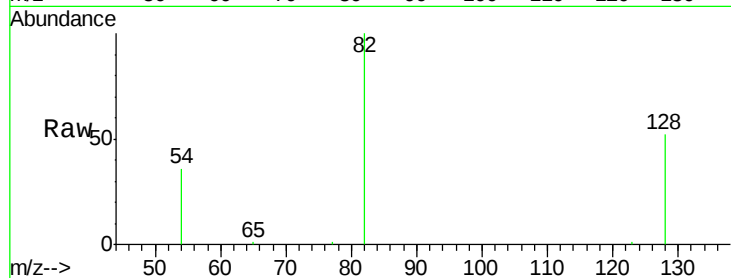
Tgt Ion: 82 Resp: 17810

Ion Ratio Lower Upper

82 100

128 52.3 41.8 62.8

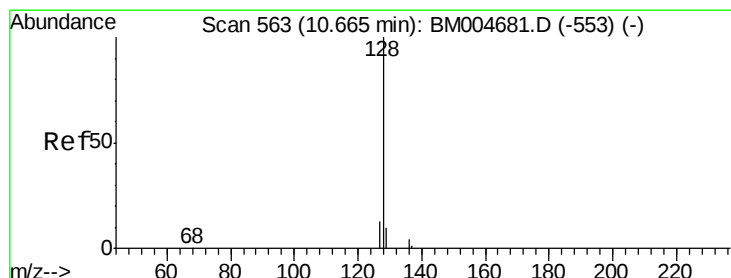
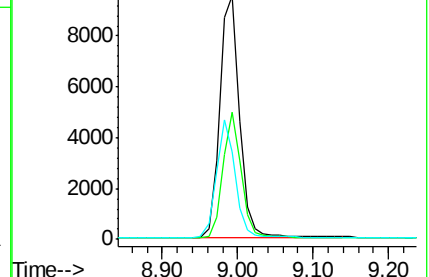
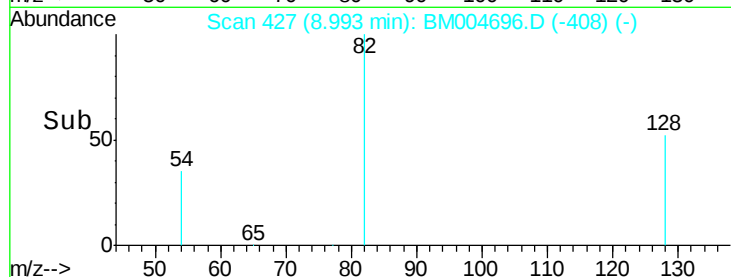
54 35.8 32.9 49.3



Abundance Ion 82.00 (81.70 to 82.70): BM004696.D (-408) (-)

Ion 128.00 (127.70 to 128.70): BM004696.D (-408) (-)

Ion 54.00 (53.70 to 54.70): BM004696.D (-408) (-)



#8

Naphthalene

Concen: 0.05 ng

RT: 10.66 min Scan# 563

Delta R.T. 0.00 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

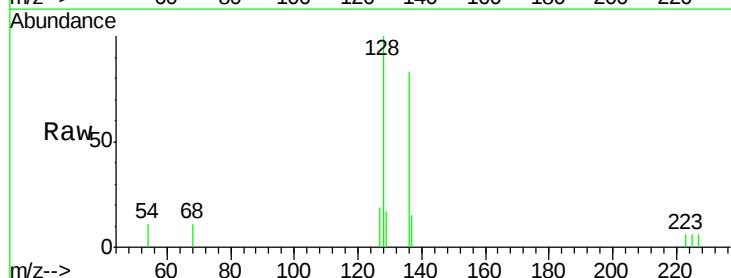
Tgt Ion: 128 Resp: 1436

Ion Ratio Lower Upper

128 100

129 16.9 8.9 13.3#

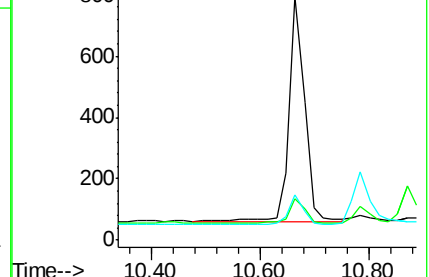
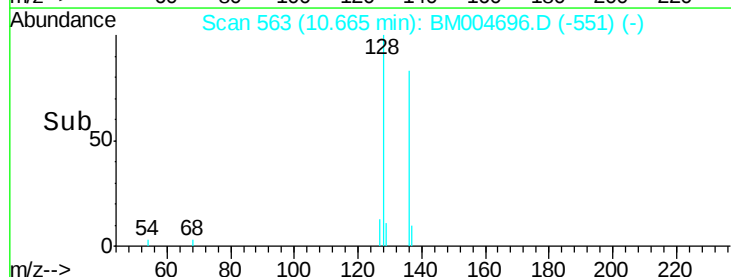
127 18.6 11.3 16.9#

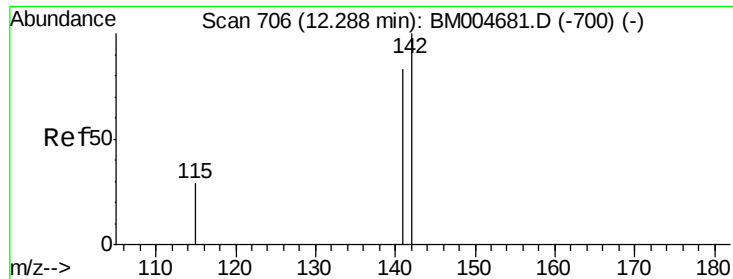


Abundance Ion 128.00 (127.70 to 128.70): BM004696.D (-551) (-)

Ion 129.00 (128.70 to 129.70): BM004696.D (-551) (-)

Ion 127.00 (126.70 to 127.70): BM004696.D (-551) (-)





#9

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.29 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

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ClientSampleId :

MDL-07-W

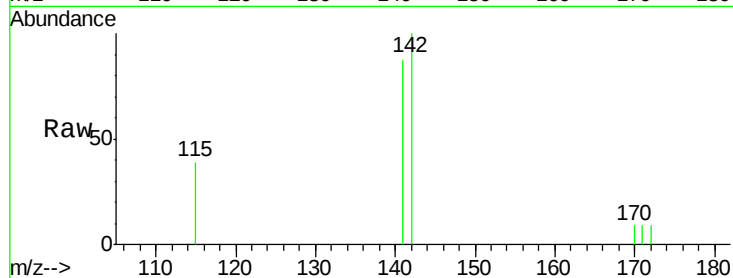
Tgt Ion:142 Resp: 886

Ion Ratio Lower Upper

142 100

141 86.8 66.2 99.2

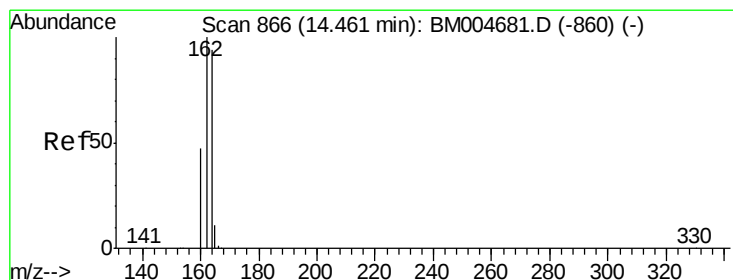
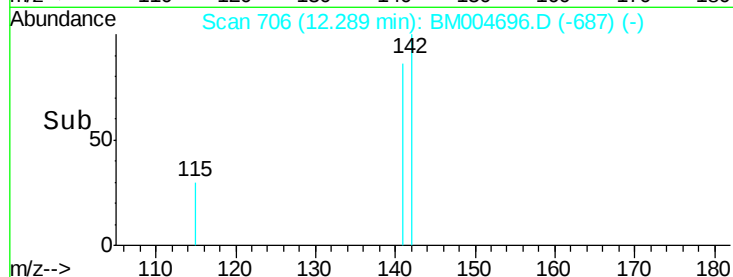
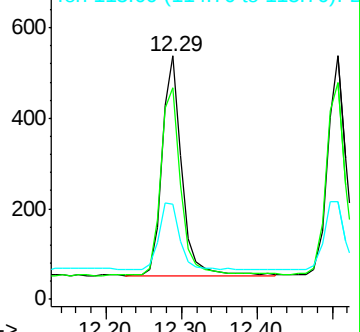
115 39.2 23.8 35.8#



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: BM004696.D

Acq: 19 Mar 2016 00:23

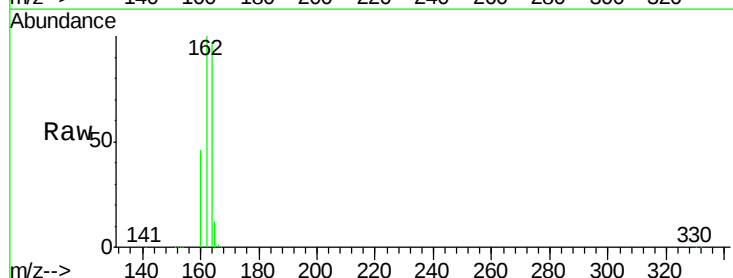
Tgt Ion:164 Resp: 58674

Ion Ratio Lower Upper

164 100

162 103.3 85.4 128.0

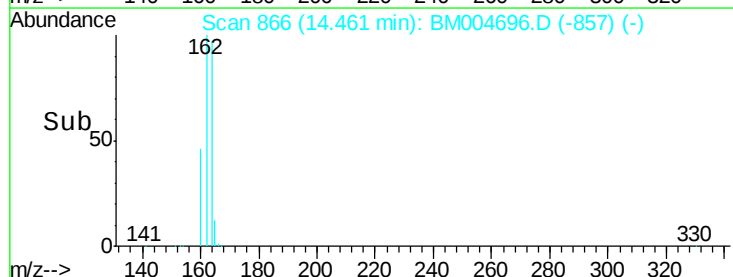
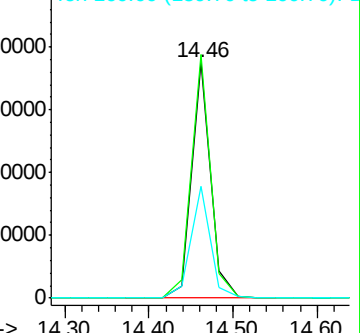
160 47.6 40.2 60.2

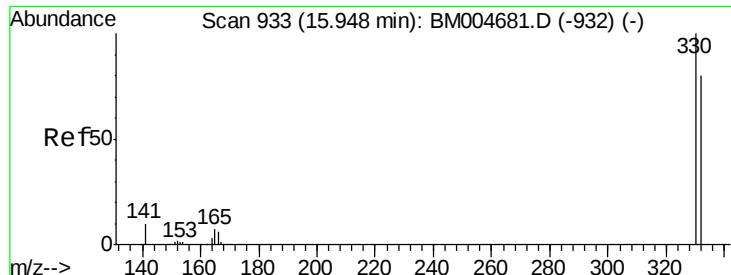


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

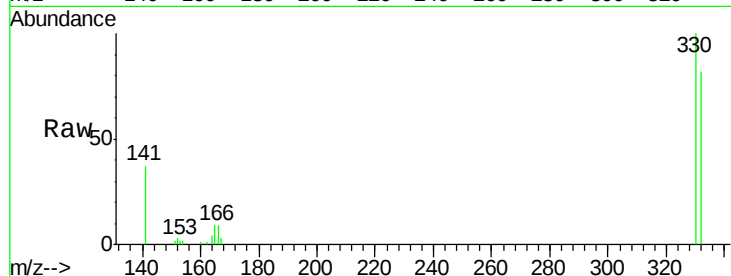




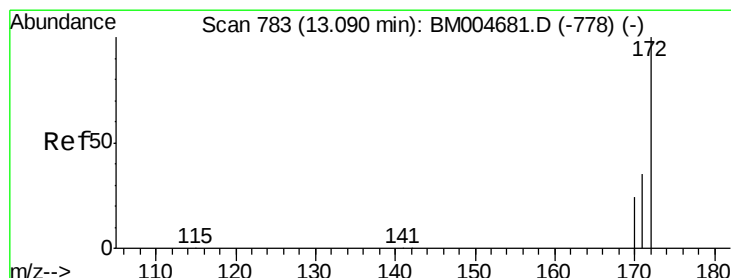
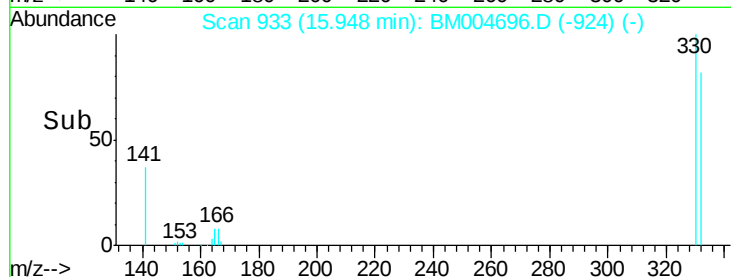
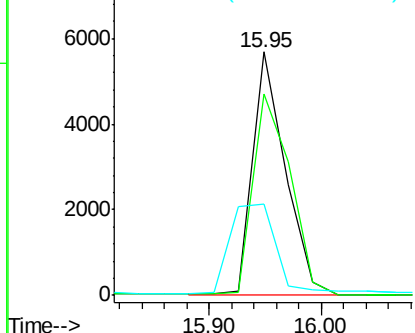
#11
 2,4,6-Tribromophenol
 Concen: 5.98 ng
 RT: 15.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004696.D
 Acq: 19 Mar 2016 00:23

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Tgt Ion:330 Resp: 11636
 Ion Ratio Lower Upper
 330 100
 332 94.3 93.9 140.9
 141 51.5 42.2 63.2

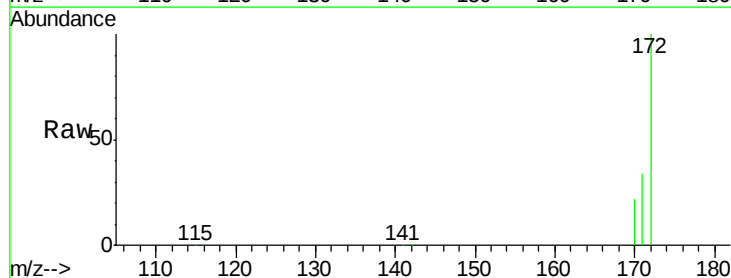


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

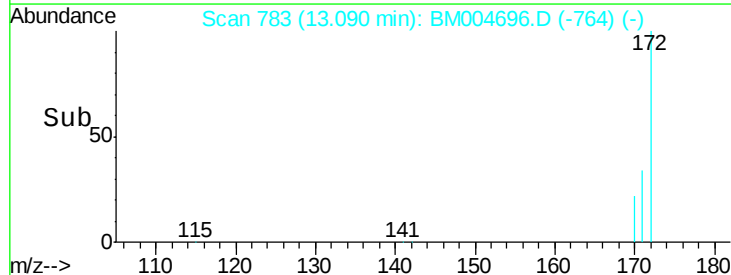
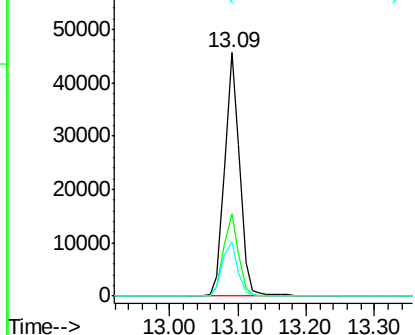


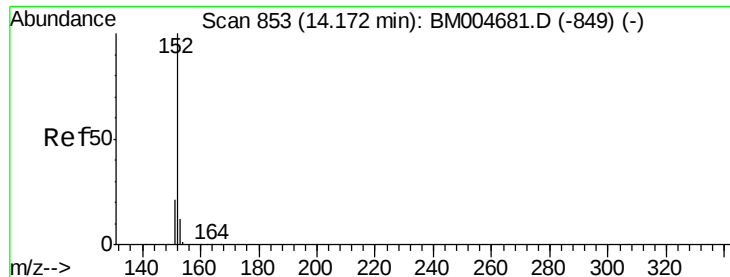
#12
 2-Fluorobiphenyl
 Concen: 4.11 ng
 RT: 13.09 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BM004696.D
 Acq: 19 Mar 2016 00:23

Tgt Ion:172 Resp: 68989
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.2 42.2
 170 22.4 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: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

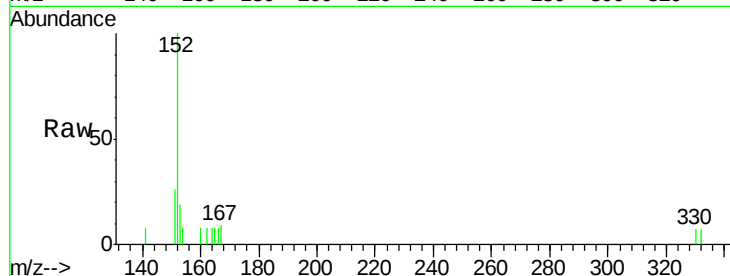
Tgt Ion:152 Resp: 1080

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

153 13.0 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

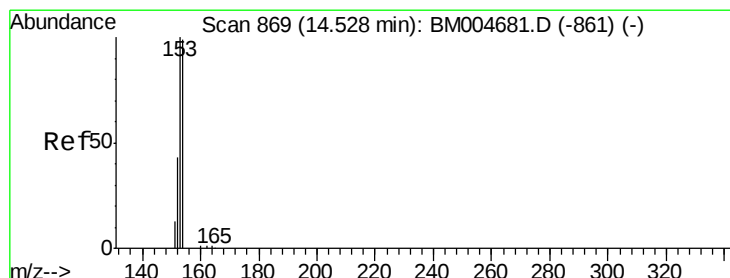
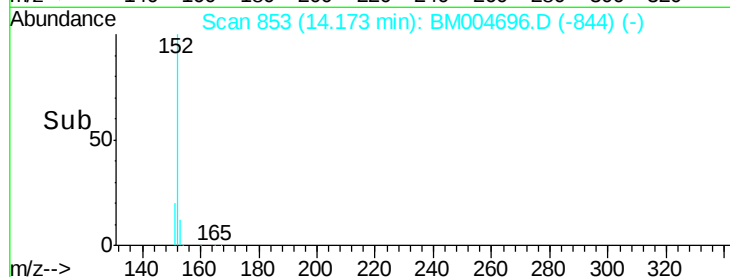
600

400

200

0

Time--> 14.00 14.10 14.20 14.30



#14

Acenaphthene

Concen: 0.05 ng

RT: 14.53 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

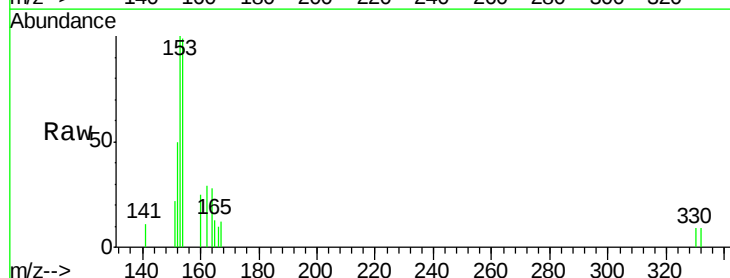
Tgt Ion:154 Resp: 1051

Ion Ratio Lower Upper

154 100

153 86.7 83.8 125.6

152 42.7 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

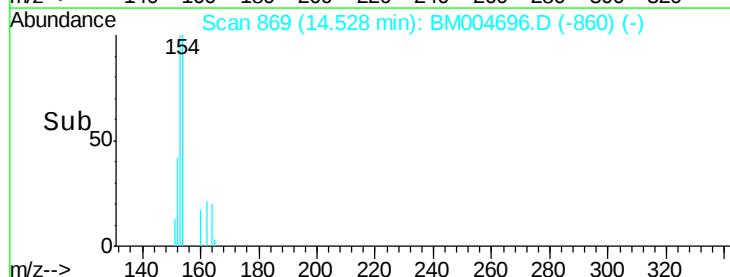
600

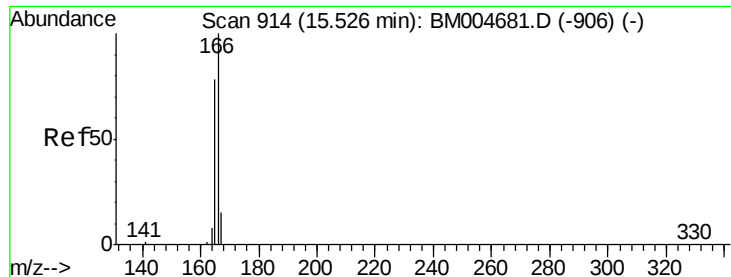
400

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: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

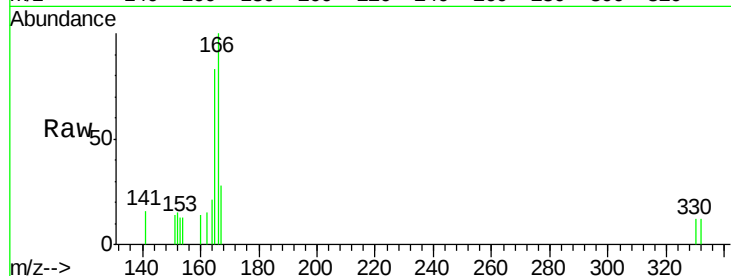
Tgt Ion:166 Resp: 928

Ion Ratio Lower Upper

166 100

165 0.0 0.0 0.0

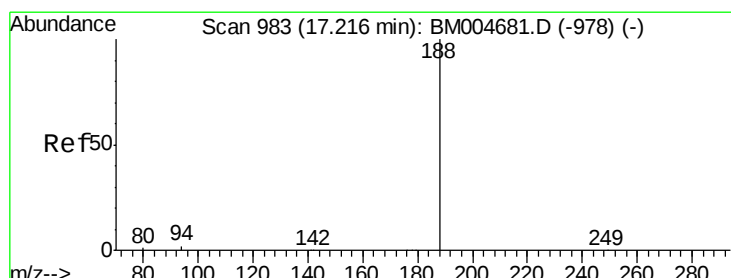
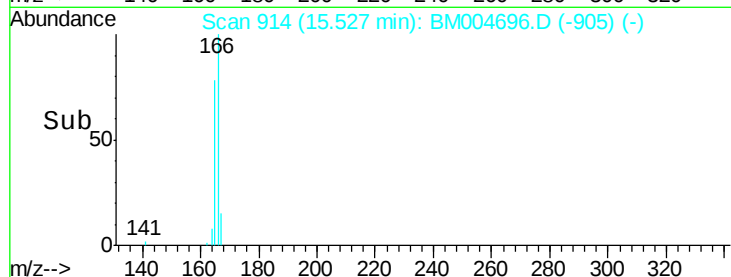
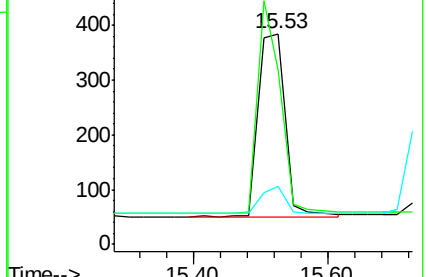
167 12.8 10.6 15.8



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: BM004696.D

Acq: 19 Mar 2016 00:23

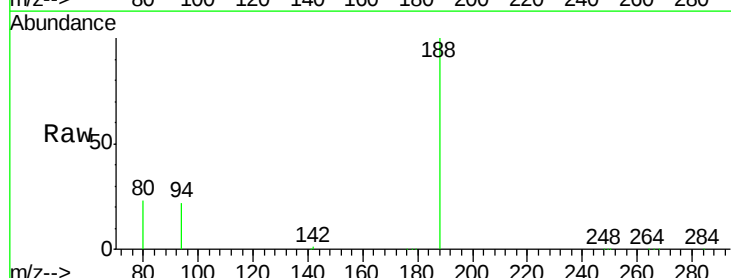
Tgt Ion:188 Resp: 107240

Ion Ratio Lower Upper

188 100

94 22.0 1.4 2.0#

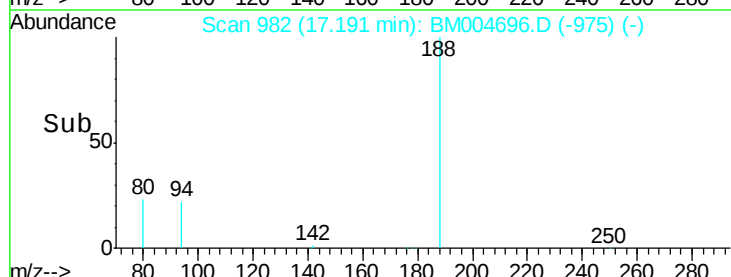
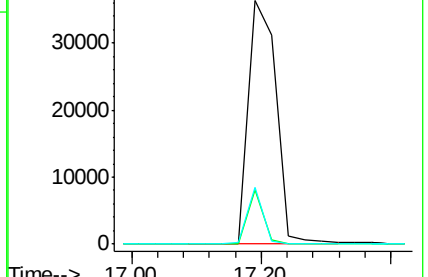
80 23.2 1.0 1.6#

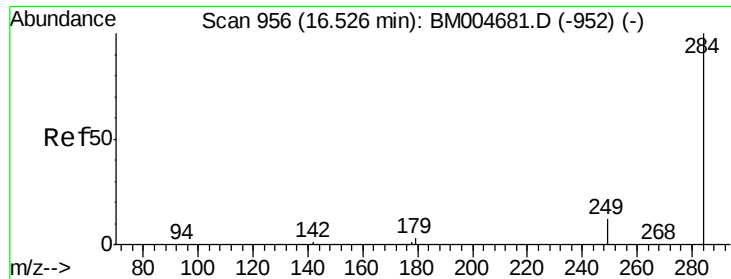


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

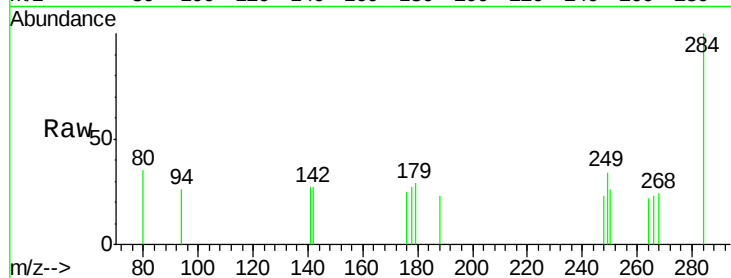




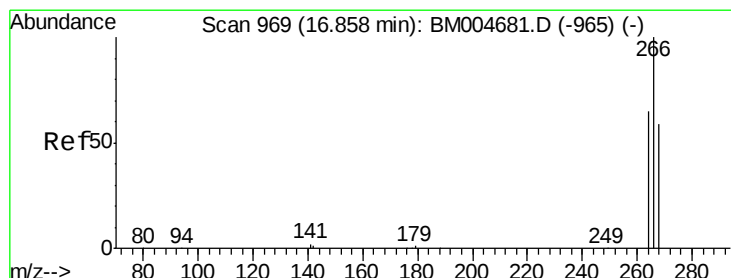
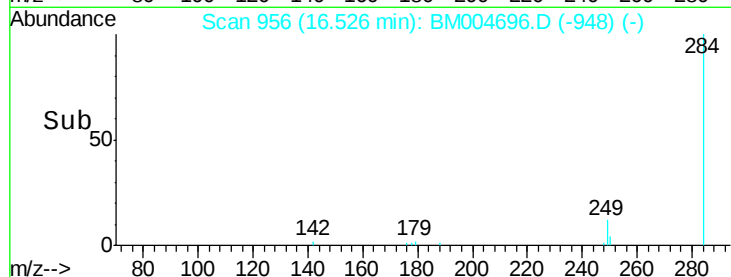
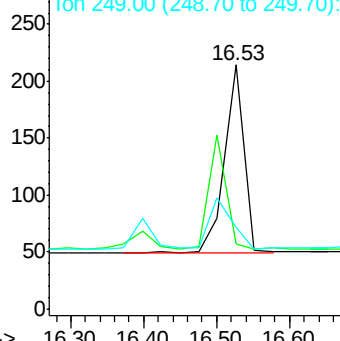
#17
Hexachlorobenzene
Concen: 0.05 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM004696.D
Acq: 19 Mar 2016 00:23

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion: 284 Resp: 307
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

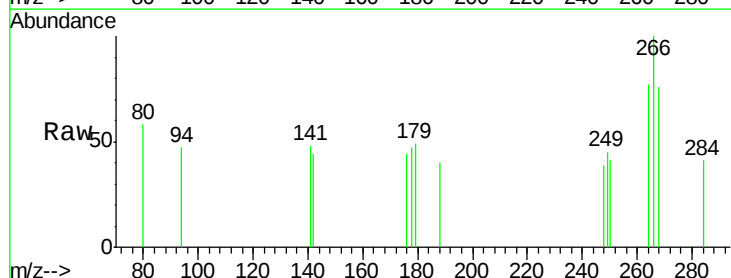


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

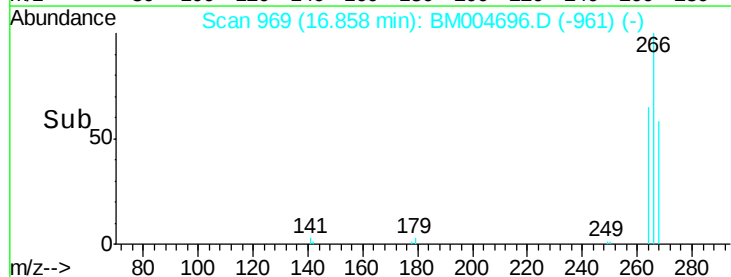
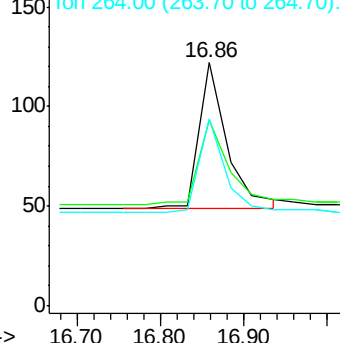


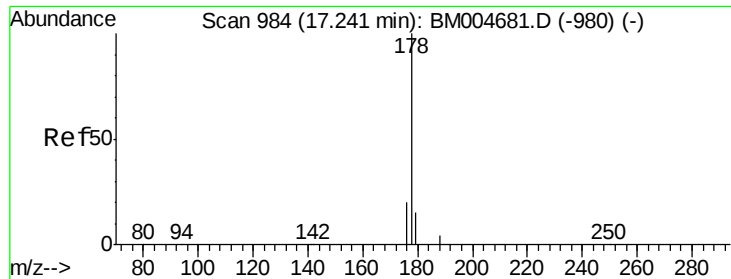
#18
Pentachlorophenol
Concen: 0.17 ng
RT: 16.86 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM004696.D
Acq: 19 Mar 2016 00:23

Tgt Ion: 266 Resp: 166
Ion Ratio Lower Upper
266 100
268 76.2 49.1 73.7#
264 77.0 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: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

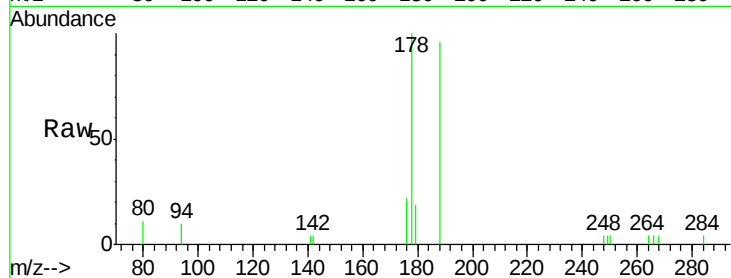
Tgt Ion:178 Resp: 2174

Ion Ratio Lower Upper

178 100

176 18.4 15.5 23.3

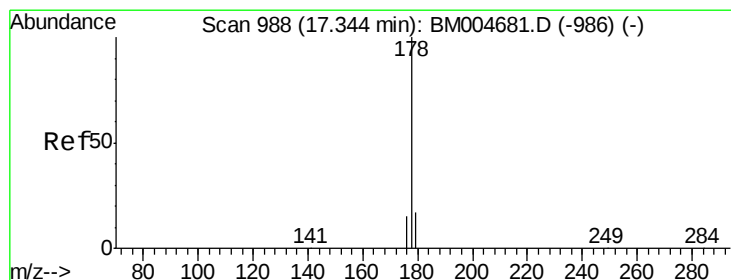
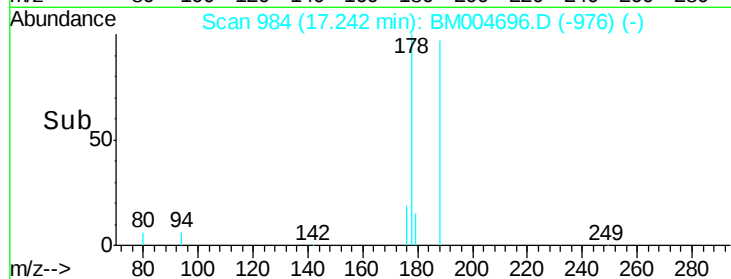
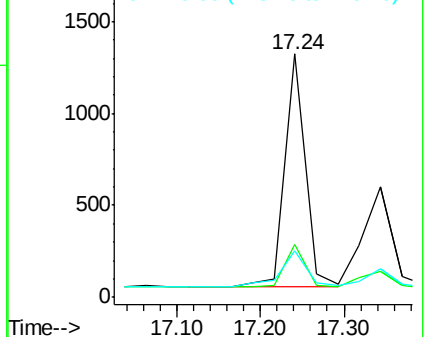
179 19.1 12.2 18.4#



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: BM004696.D

Acq: 19 Mar 2016 00:23

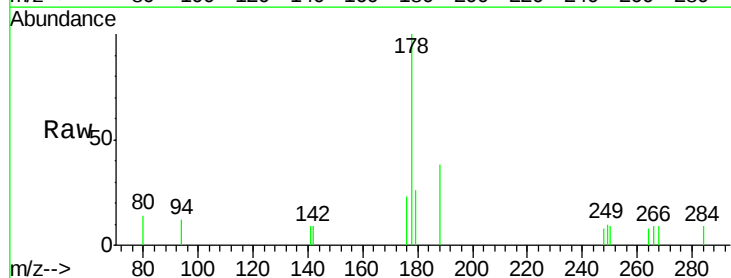
Tgt Ion:178 Resp: 1225

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

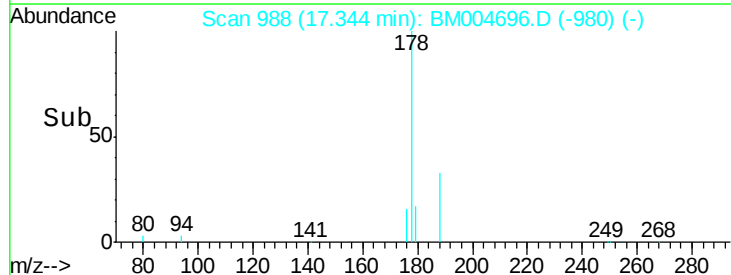
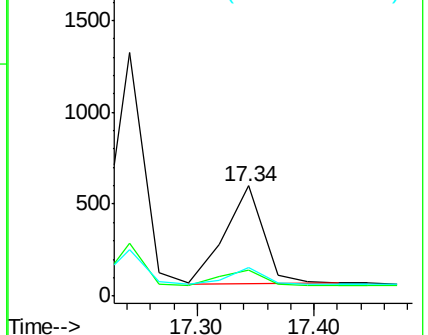
179 15.5 12.6 18.8

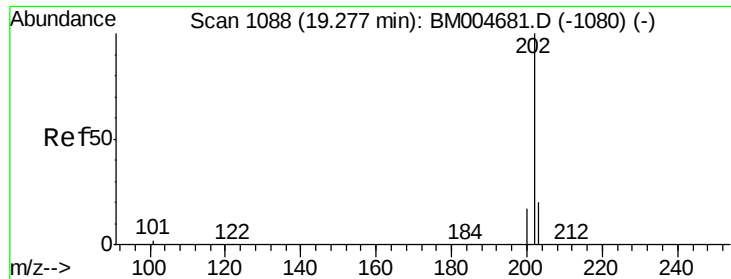


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

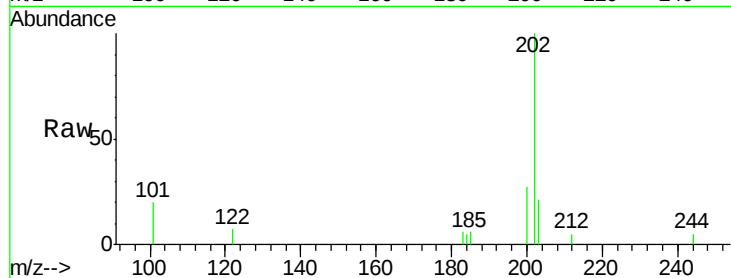




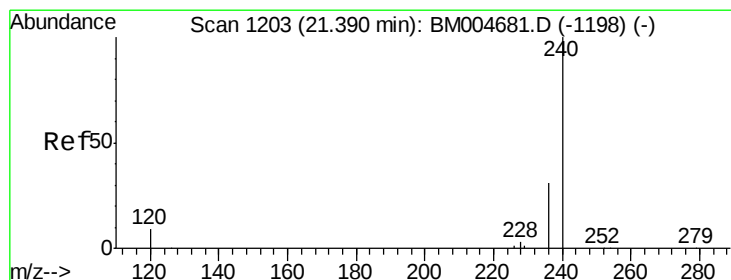
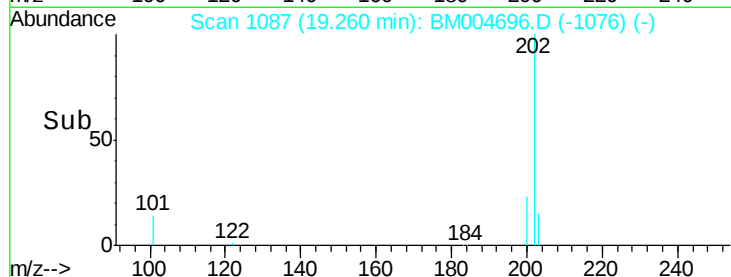
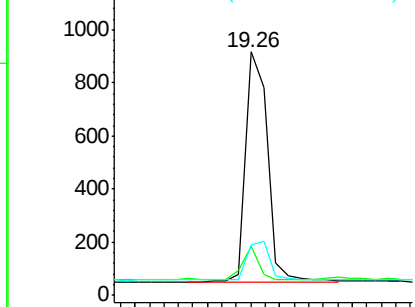
#21
 Fluoranthene
 Concen: 0.04 ng
 RT: 19.26 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BM004696.D
 Acq: 19 Mar 2016 00:23

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Tgt Ion: 202 Resp: 1811
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.7 13.1
 203 19.2 14.1 21.1

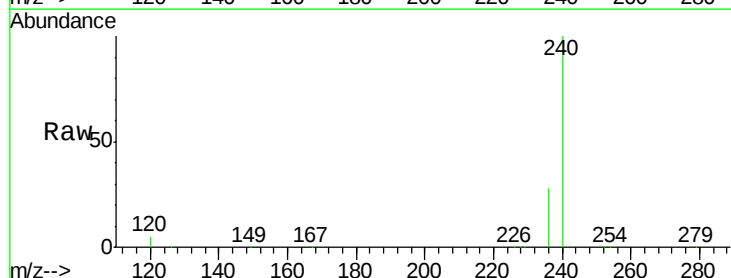


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

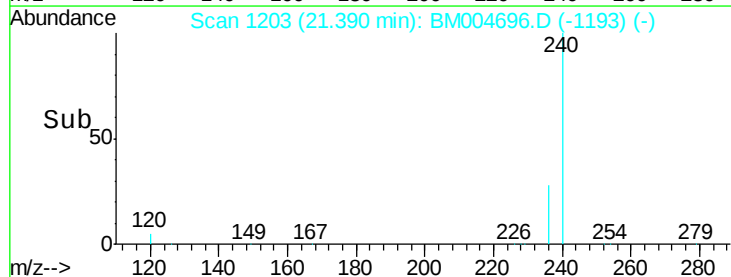
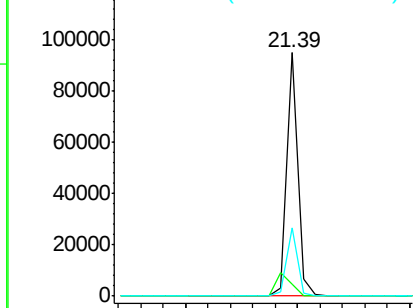


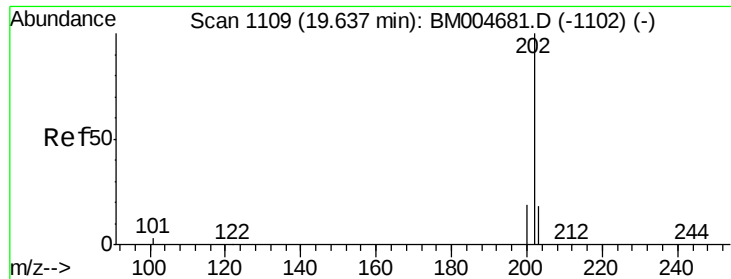
#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.39 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BM004696.D
 Acq: 19 Mar 2016 00:23

Tgt Ion: 240 Resp: 131044
 Ion Ratio Lower Upper
 240 100
 120 4.7 7.4 11.2#
 236 27.9 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: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

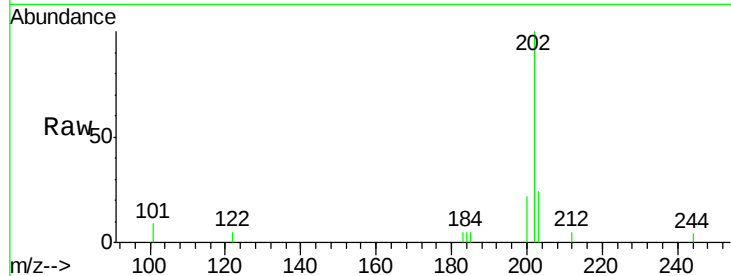
Tgt Ion:202 Resp: 1956

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

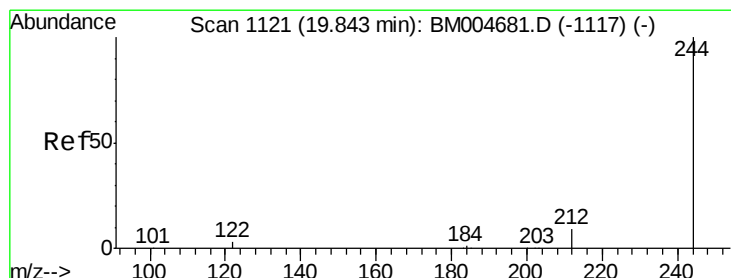
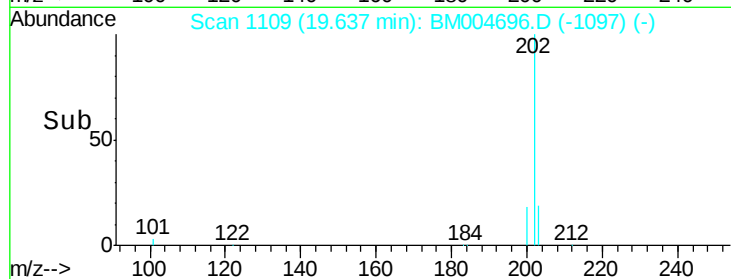
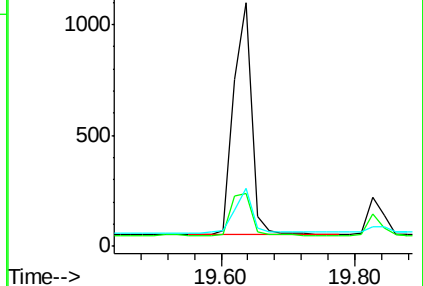
203 19.6 13.9 20.9



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: 3.74 ng

RT: 19.84 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

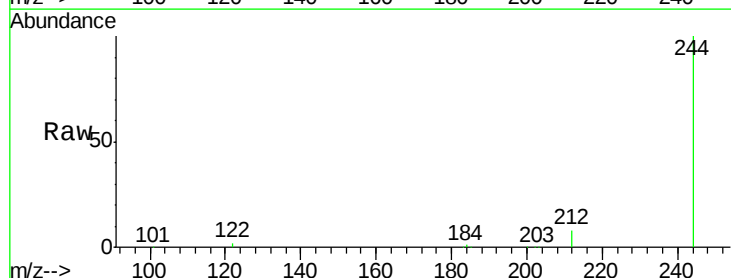
Tgt Ion:244 Resp: 61887

Ion Ratio Lower Upper

244 100

212 8.3 7.7 11.5

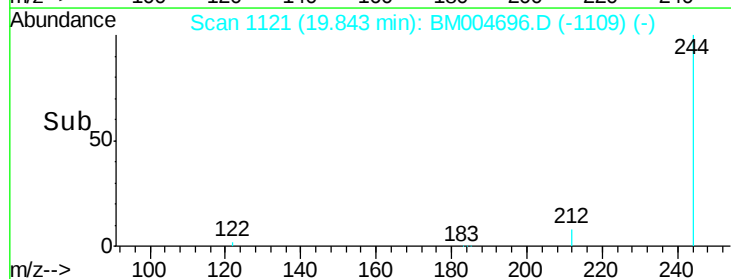
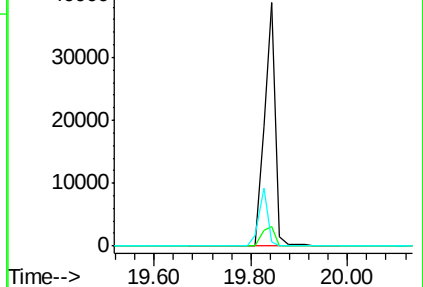
122 1.7 3.4 5.0#

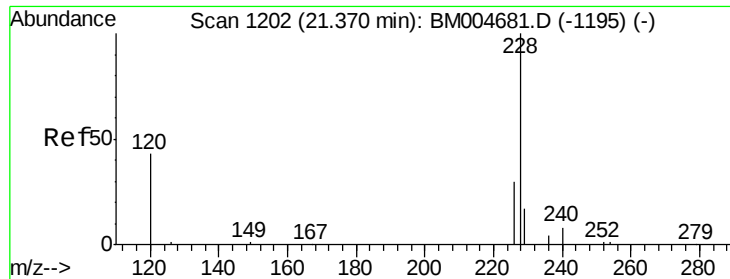


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

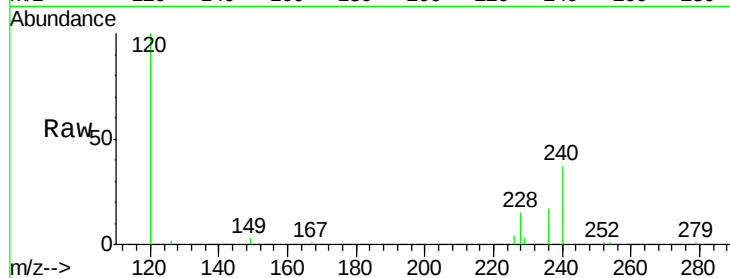
Tgt Ion:228 Resp: 4158

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

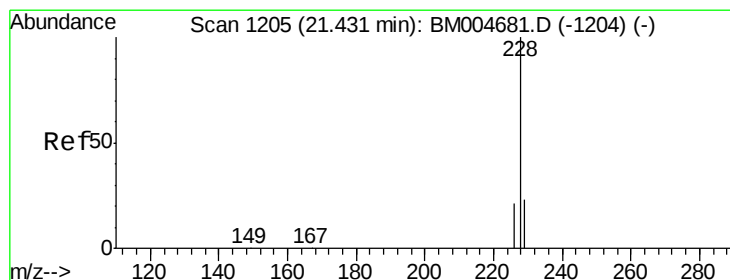
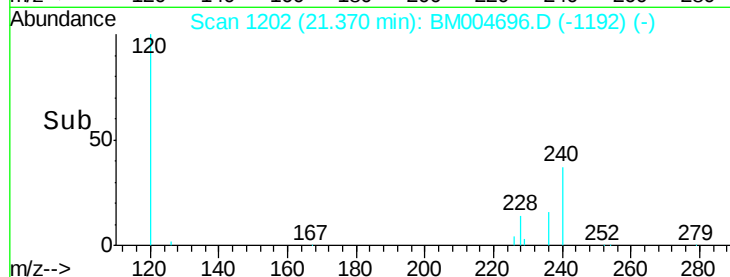
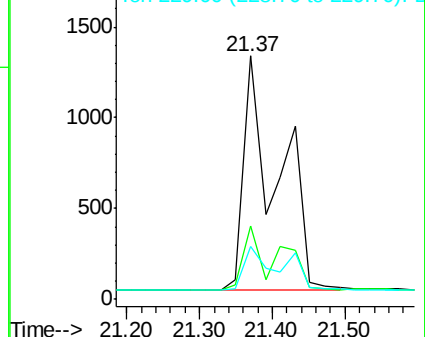
229 21.8 14.2 21.2#



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: 0.11 ng

RT: 21.37 min Scan# 1202

Delta R.T. -0.06 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

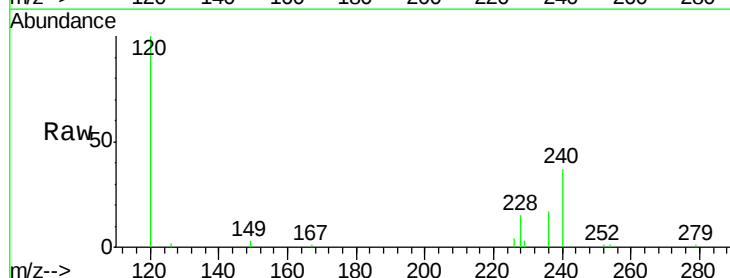
Tgt Ion:228 Resp: 4187

Ion Ratio Lower Upper

228 100

226 30.0 20.9 31.3

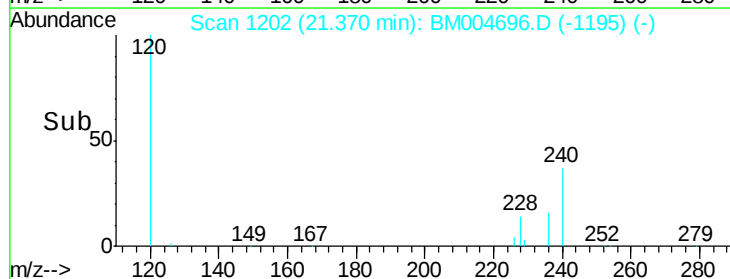
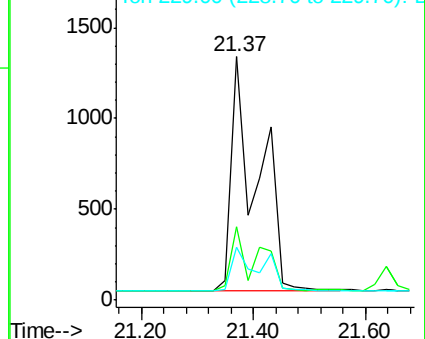
229 21.8 17.4 26.2

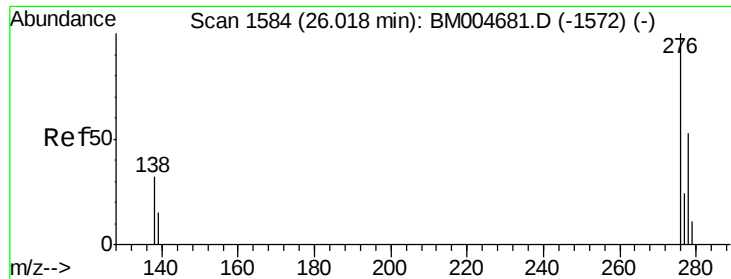


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

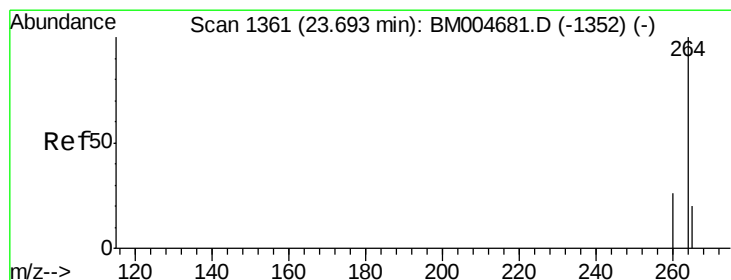
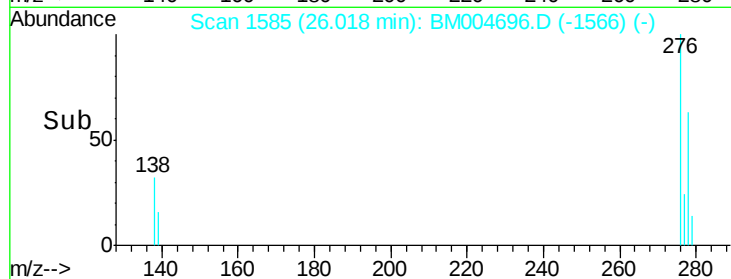
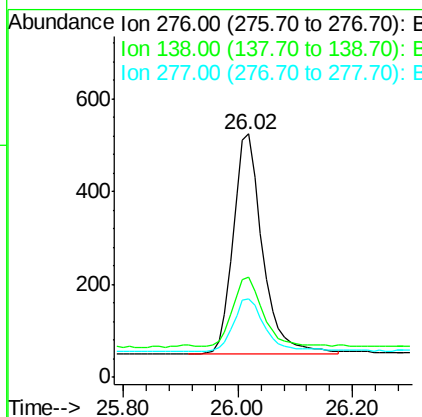
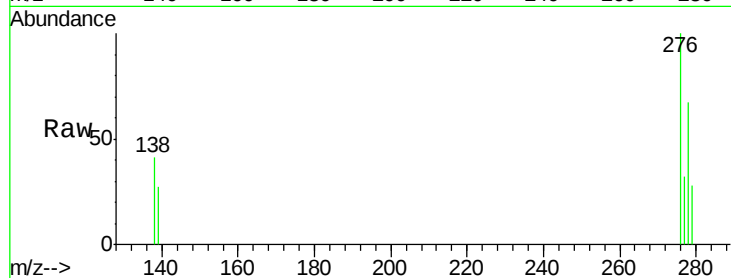




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 26.02 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BM004696.D
Acq: 19 Mar 2016 00:23

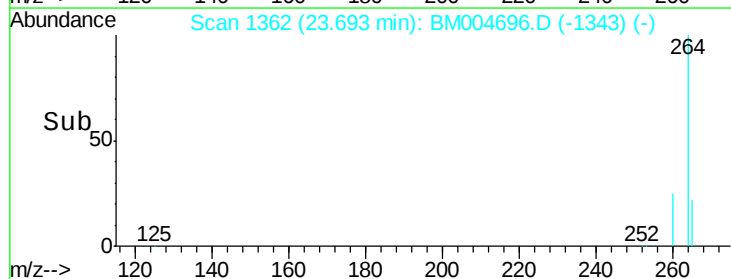
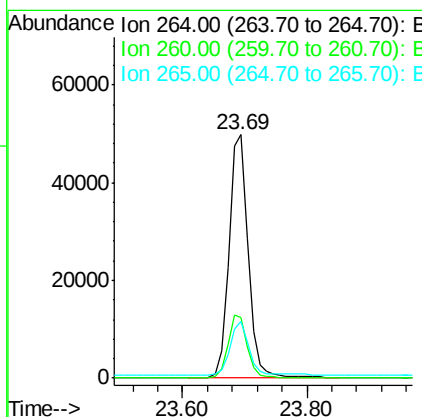
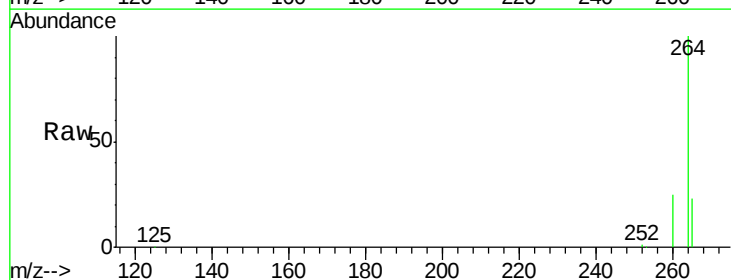
Instrument :
BNA_M
ClientSampleId :
MDL-07-W

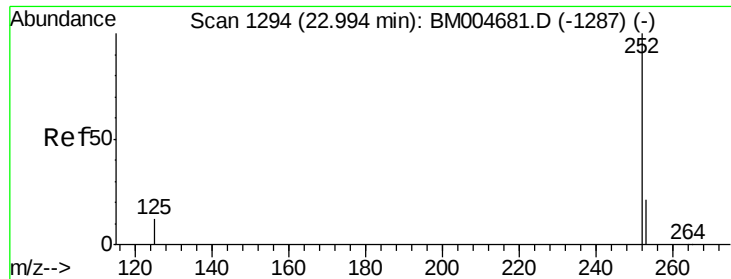
Tgt Ion: 276 Resp: 1689
Ion Ratio Lower Upper
276 100
138 32.2 25.9 38.9
277 25.2 19.8 29.6



#28
Perylene-d12
Concen: 5.00 ng
RT: 23.69 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM004696.D
Acq: 19 Mar 2016 00:23

Tgt Ion: 264 Resp: 107302
Ion Ratio Lower Upper
264 100
260 24.7 21.0 31.4
265 23.1 17.5 26.3





#29

Benzo(b)fluoranthene

Concen: 0.05 ng

RT: 22.99 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

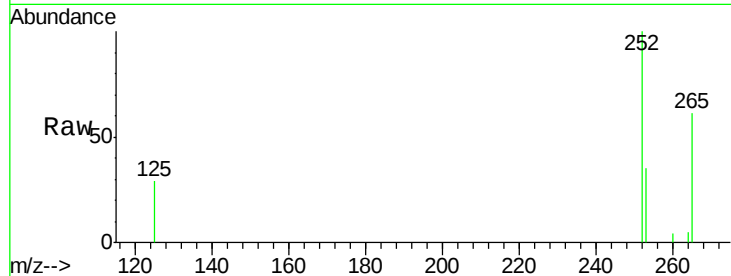
Tgt Ion:252 Resp: 1882

Ion Ratio Lower Upper

252 100

253 34.5 17.9 26.9#

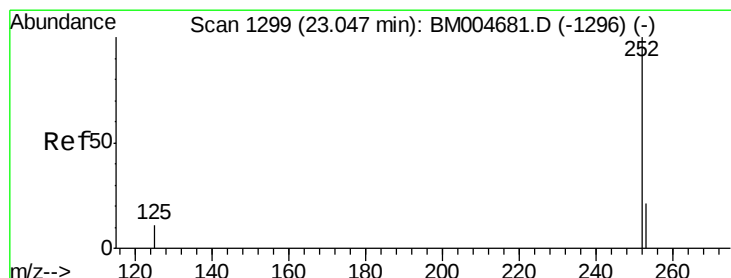
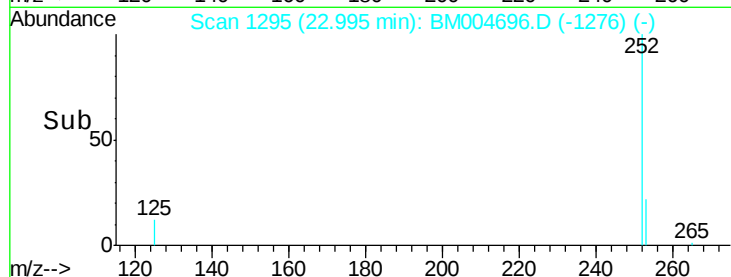
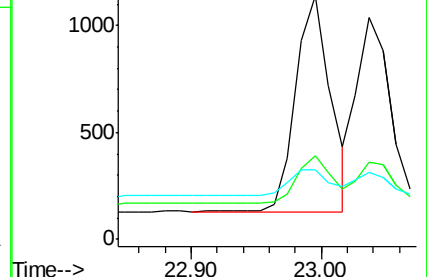
125 28.6 11.4 17.0#



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# 1299

Delta R.T. -0.01 min

Lab File: BM004696.D

Acq: 19 Mar 2016 00:23

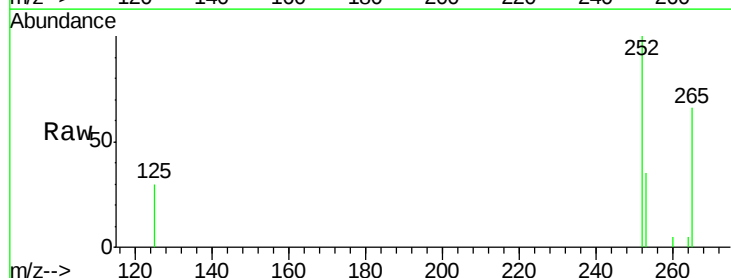
Tgt Ion:252 Resp: 1714

Ion Ratio Lower Upper

252 100

253 34.8 19.3 28.9#

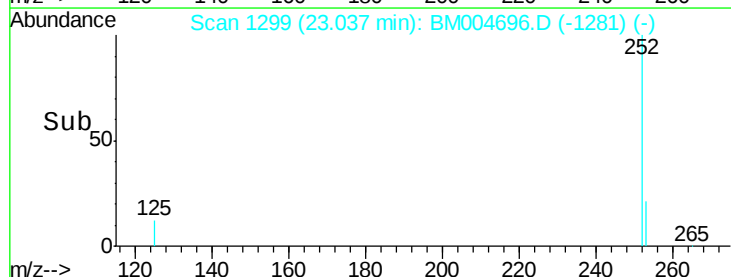
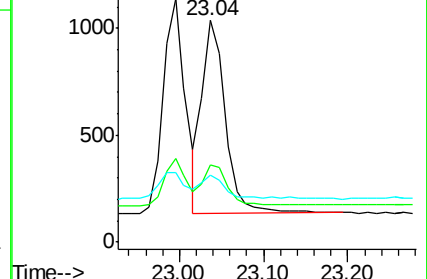
125 30.4 10.6 15.8#

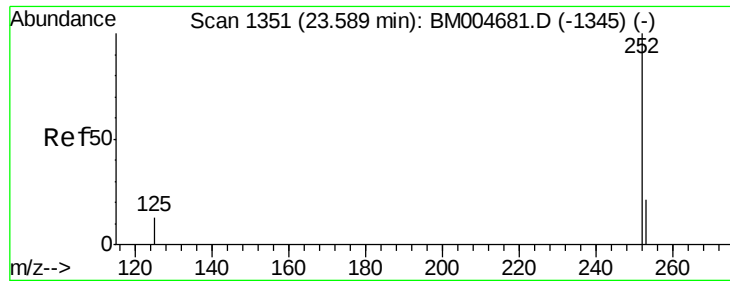


Abundance Ion 252.00 (251.70 to 252.70): E

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: BM004696.D

Acq: 19 Mar 2016 00:23

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

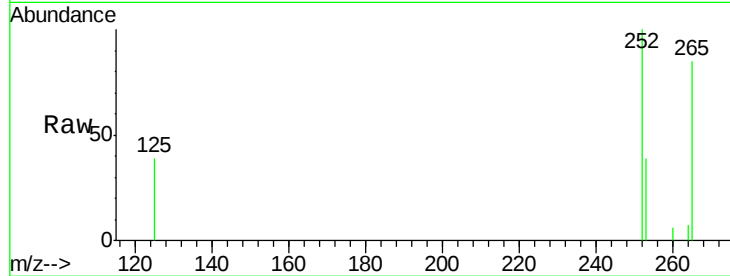
Tgt Ion: 252 Resp: 1555

Ion Ratio Lower Upper

252 100

253 38.7 18.6 28.0#

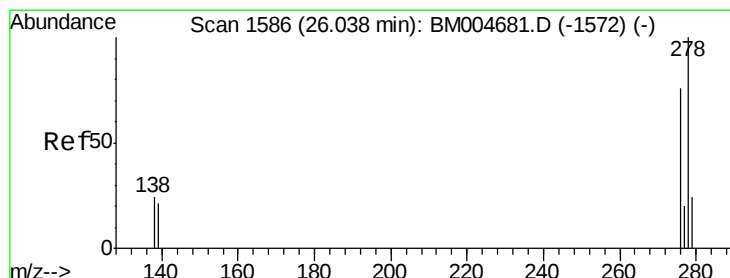
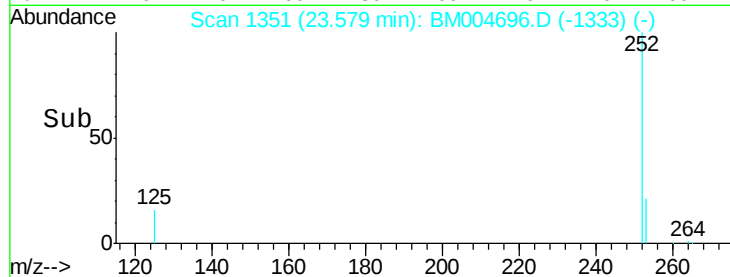
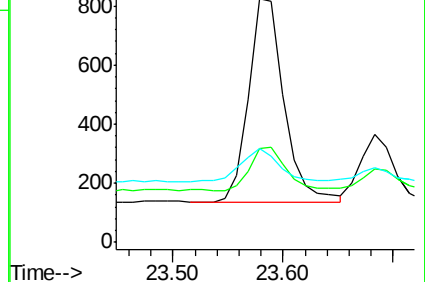
125 38.6 12.3 18.5#



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: BM004696.D

Acq: 19 Mar 2016 00:23

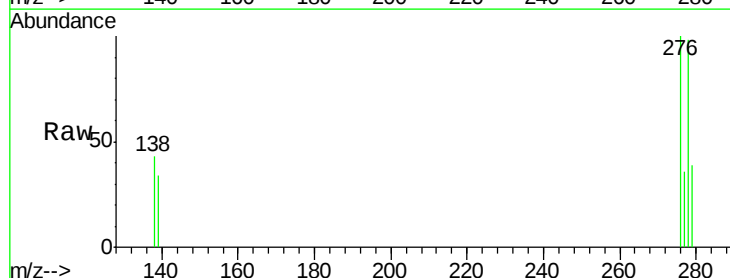
Tgt Ion: 278 Resp: 1330

Ion Ratio Lower Upper

278 100

139 34.8 17.6 26.4#

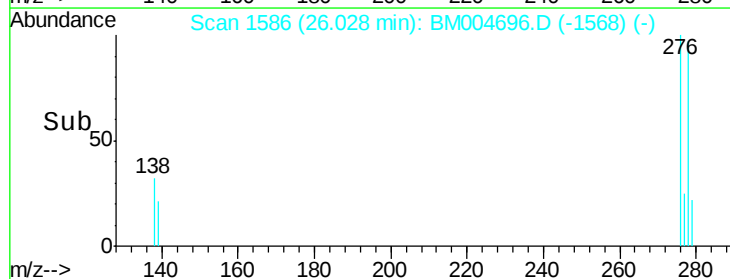
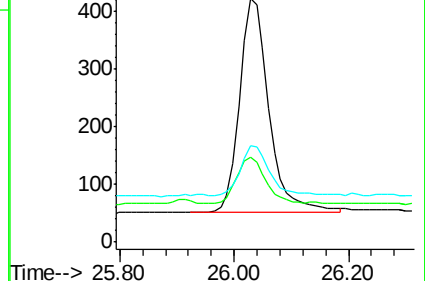
279 39.3 19.9 29.9#

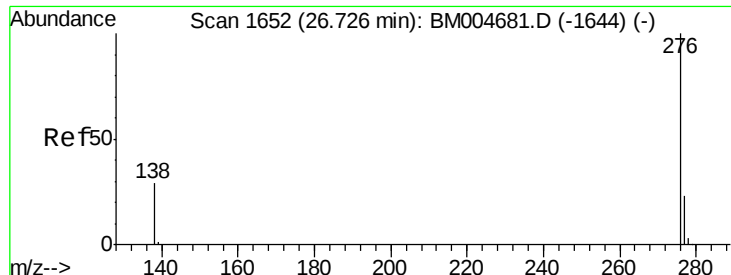


Abundance Ion 278.00 (277.70 to 278.70): E

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: BM004696.D

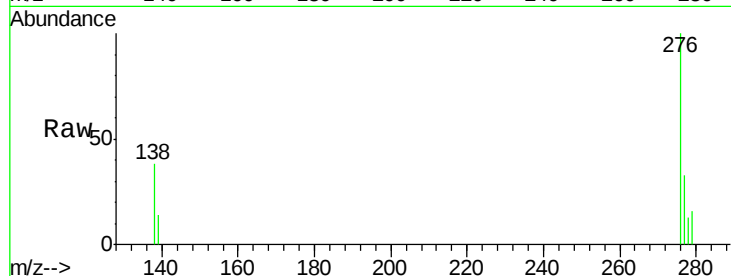
Acq: 19 Mar 2016 00:23

Instrument :

BNA_M

ClientSampleId :

MDL-07-W



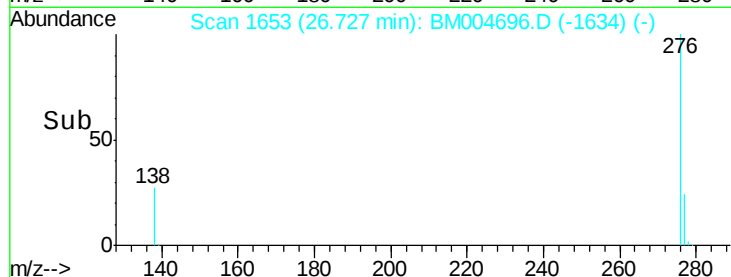
Tgt Ion: 276 Resp: 1567

Ion Ratio Lower Upper

276 100

277 32.7 19.1 28.7#

138 37.5 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

