

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031816\
 Data File : BM004691.D
 Acq On : 18 Mar 2016 21:22
 Operator : UM/SJ
 Sample : MDL-02-W
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Quant Time: Mar 21 01:14:15 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	29070	5.00	ng	0.00
6) Naphthalene-d8	10.61	136	116383	5.00	ng	-0.02
10) Acenaphthene-d10	14.47	164	60022	5.00	ng	0.00
16) Phenanthrene-d10	17.20	188	129641	5.00	ng	-0.02
22) Chrysene-d12	21.40	240	119897	5.00	ng	0.01
28) Perylene-d12	23.69	264	114139	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	47157	7.03	ng	0.00
5) Phenol-d6	6.99	99	56424	6.87	ng	0.00
7) Nitrobenzene-d5	8.99	82	20884	3.73	ng	0.00
11) 2,4,6-Tribromophenol	15.95	330	14849	7.46	ng	0.00
12) 2-Fluorobiphenyl	13.09	172	77322	4.50	ng	0.00
24) Terphenyl-d14	19.83	244	67747	4.47	ng	-0.01

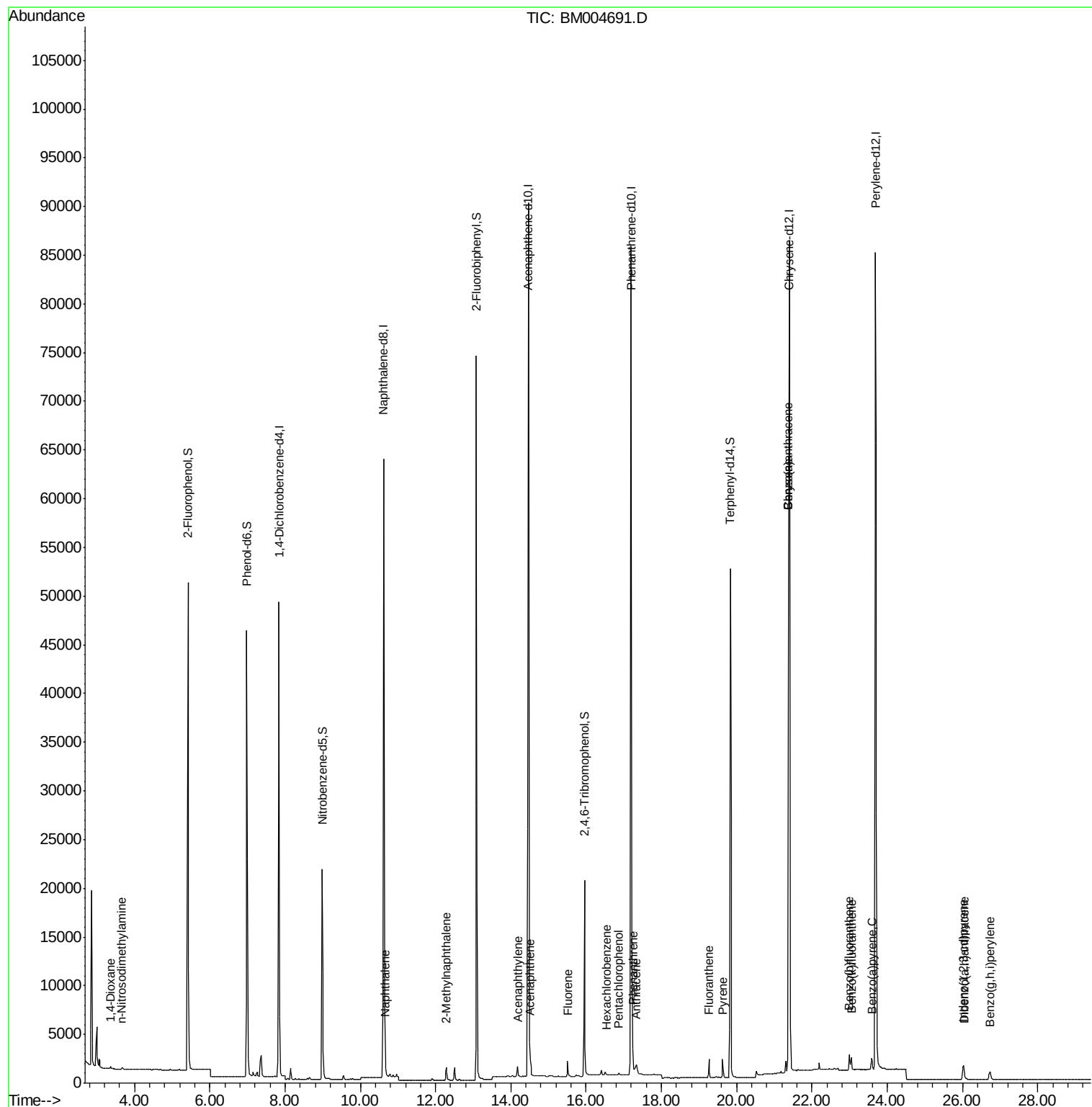
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	279	0.03	ng	# 81
3) n-Nitrosodimethylamine	3.66	42	145	0.05	ng	# 88
8) Naphthalene	10.66	128	1594	0.05	ng	# 89
9) 2-Methylnaphthalene	12.28	142	991	0.05	ng	# 89
13) Acenaphthylene	14.18	152	1253	0.04	ng	99
14) Acenaphthene	14.51	154	1137	0.06	ng	90
15) Fluorene	15.51	166	1141	0.05	ng	# 99
17) Hexachlorobenzene	16.53	284	302	0.04	ng	# 100
18) Pentachlorophenol	16.86	266	193	0.17	ng	# 83
19) Phenanthrene	17.25	178	2207	0.04	ng	# 94
20) Anthracene	17.32	178	1432	0.04	ng	97
21) Fluoranthene	19.27	202	2003	0.04	ng	99
23) Pyrene	19.63	202	2127	0.05	ng	98
25) Benzo(a)anthracene	21.38	228	2266	0.05	ng	# 87
26) Chrysene	21.38	228	2256	0.06	ng	95
27) Indeno(1,2,3-cd)pyrene	26.02	276	1948	0.05	ng	99
29) Benzo(b)fluoranthene	22.99	252	2018	0.05	ng	# 72
30) Benzo(k)fluoranthene	23.05	252	1957	0.05	ng	# 70
31) Benzo(a)pyrene	23.59	252	1781	0.05	ng	# 66
32) Dibenzo(a,h)anthracene	26.04	278	1530	0.04	ng	# 77
33) Benzo(g,h,i)perylene	26.73	276	1743	0.05	ng	# 84

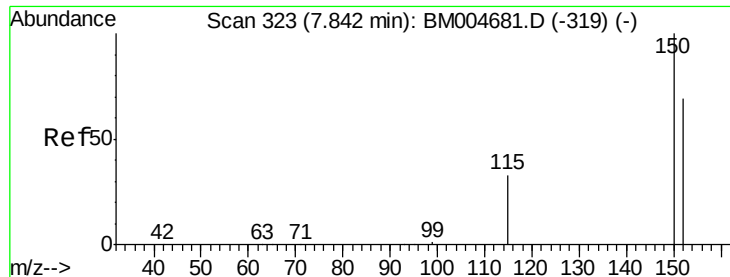
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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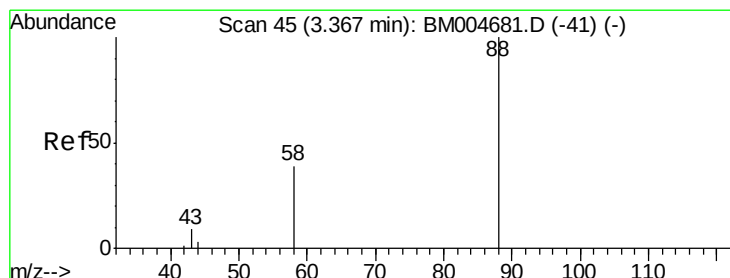
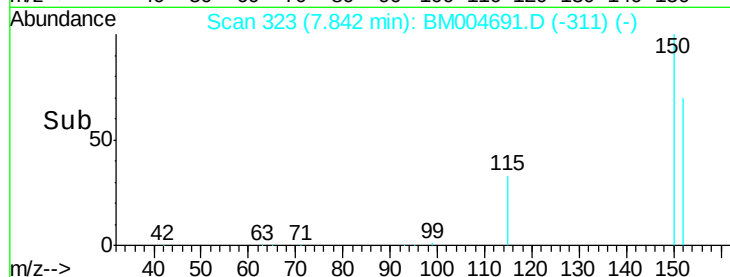
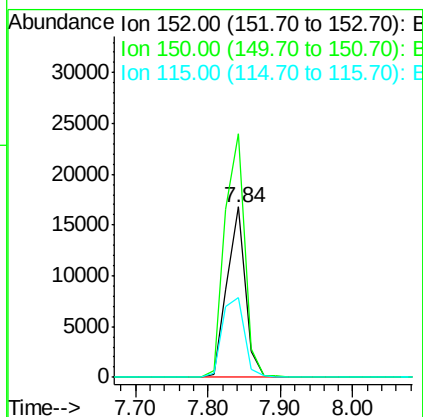
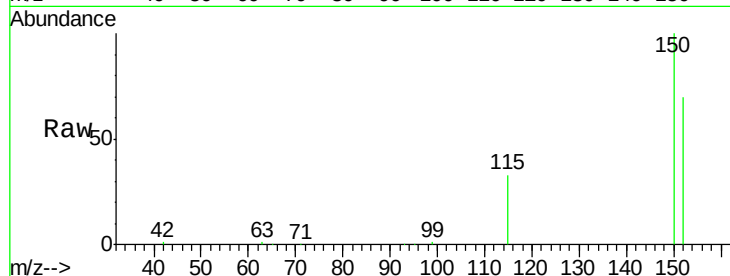




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.84 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BM004691.D
 Acq: 18 Mar 2016 21:22

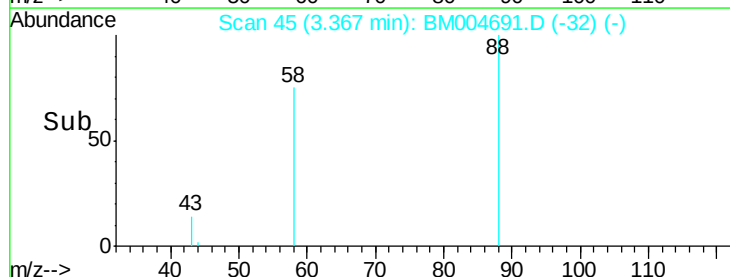
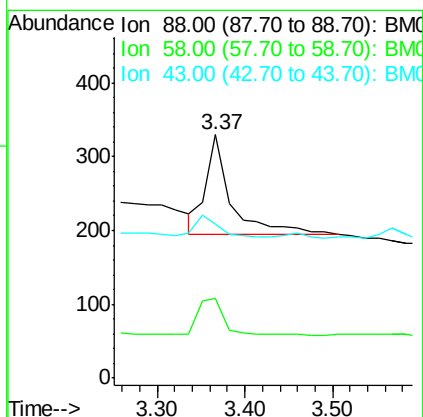
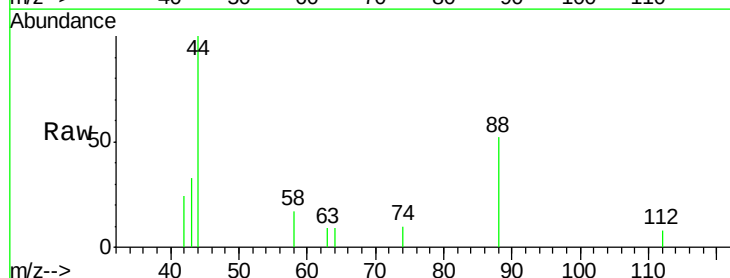
Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

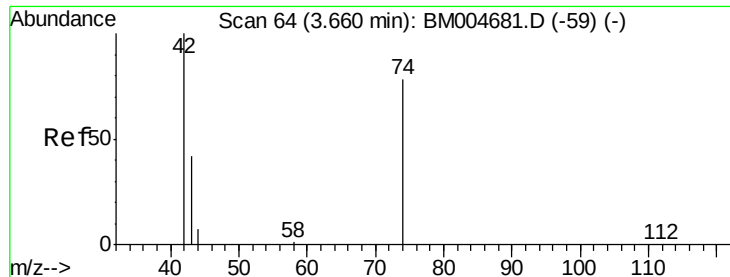
Tgt Ion: 152 Resp: 29070
 Ion Ratio Lower Upper
 152 100
 150 143.0 115.9 173.9
 115 46.8 38.4 57.6



#2
 1,4-Dioxane
 Concen: 0.03 ng
 RT: 3.37 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BM004691.D
 Acq: 18 Mar 2016 21:22

Tgt Ion: 88 Resp: 279
 Ion Ratio Lower Upper
 88 100
 58 39.4 43.9 65.9#
 43 18.3 19.9 29.9#





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

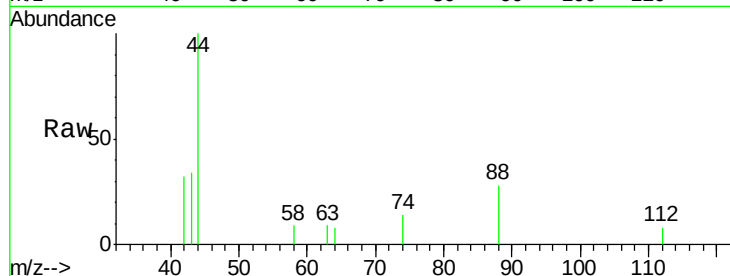
Tgt Ion: 42 Resp: 145

Ion Ratio Lower Upper

42 100

74 136.6 120.9 181.3

44 0.0 6.0 9.0#

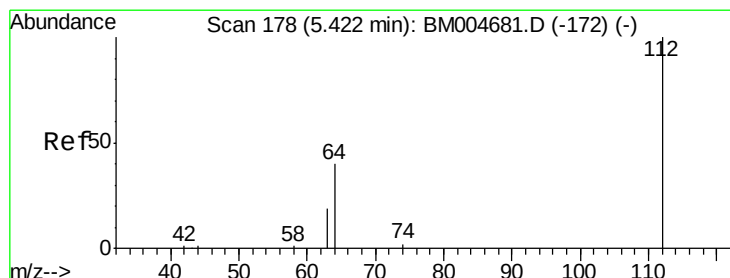
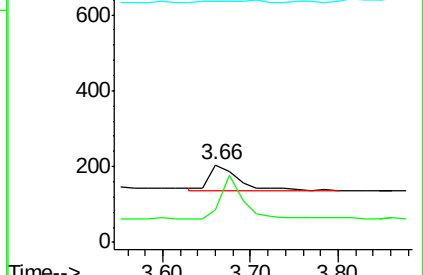
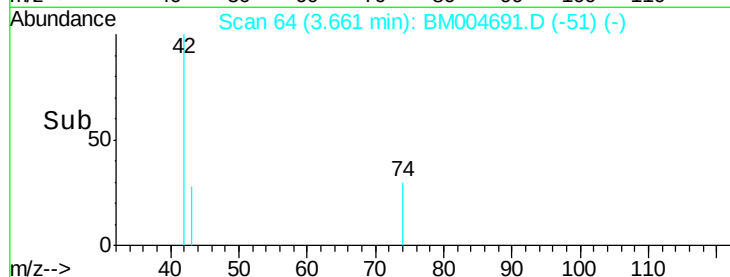


Abundance Ion 42.00 (41.70 to 42.70): BM004681.D (-59) (-)

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

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

Time-->



#4

2-Fluorophenol

Concen: 7.03 ng

RT: 5.42 min Scan# 178

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

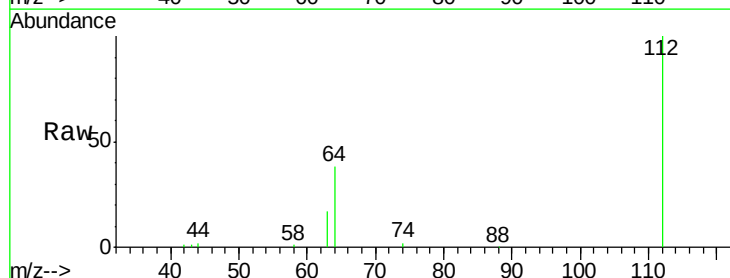
Tgt Ion: 112 Resp: 47157

Ion Ratio Lower Upper

112 100

64 46.4 37.0 55.6

63 23.7 19.3 28.9

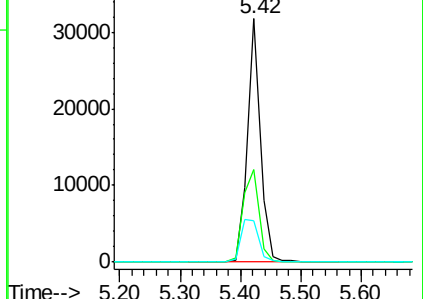
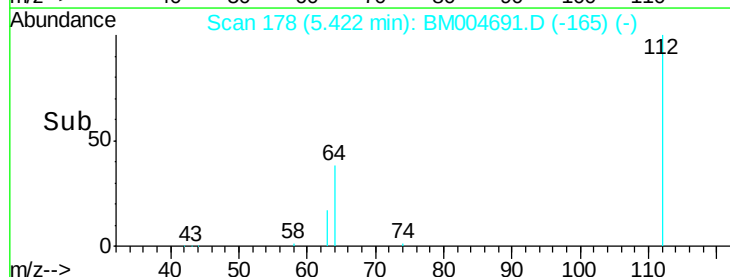


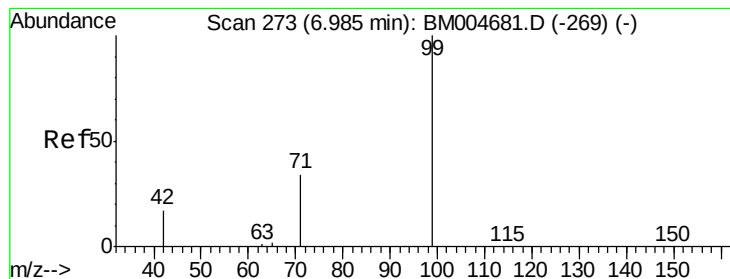
Abundance Ion 112.00 (111.70 to 112.70): BM004681.D (-172) (-)

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: 6.87 ng

RT: 6.99 min Scan# 273

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

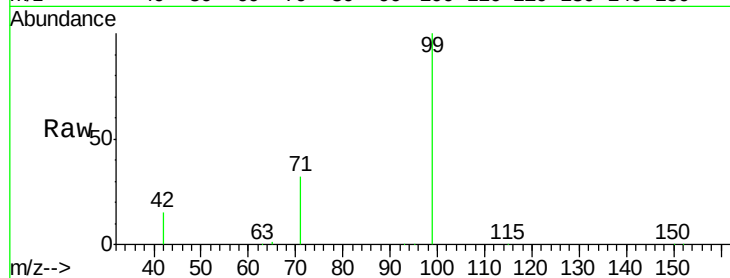
Tgt Ion: 99 Resp: 56424

Ion Ratio Lower Upper

99 100

42 14.2 12.7 19.1

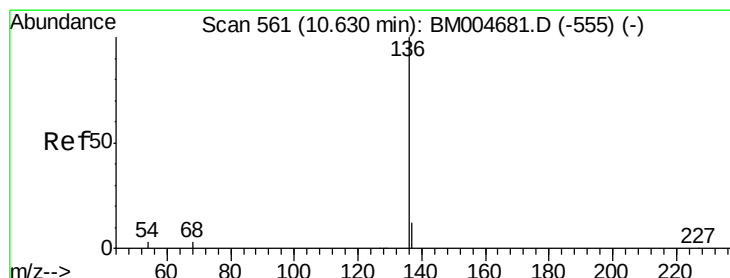
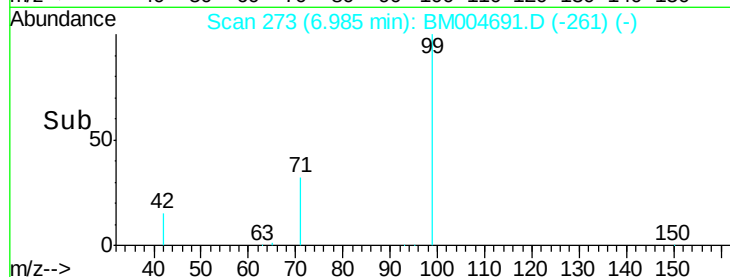
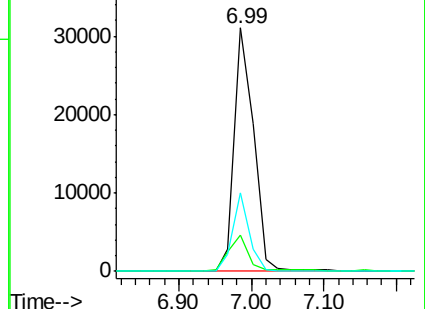
71 27.9 22.9 34.3



Abundance Ion 99.00 (98.70 to 99.70): BM004691.D (-269) (-)

Ion 42.00 (41.70 to 42.70): BM004691.D (-269) (-)

Ion 71.00 (70.70 to 71.70): BM004691.D (-269) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.61 min Scan# 560

Delta R.T. -0.02 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Tgt Ion: 136 Resp: 116383

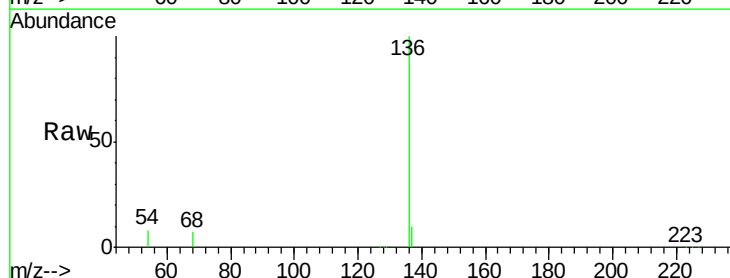
Ion Ratio Lower Upper

136 100

137 10.0 9.4 14.2

54 8.1 2.2 3.4#

68 6.7 2.2 3.4#

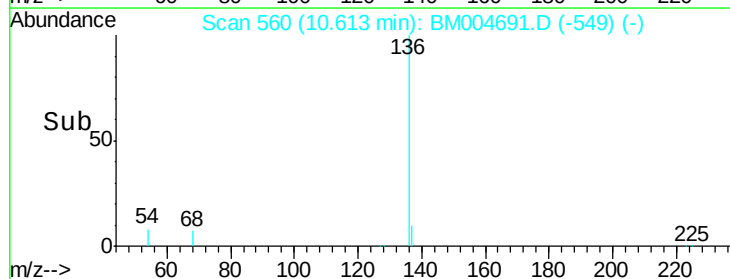
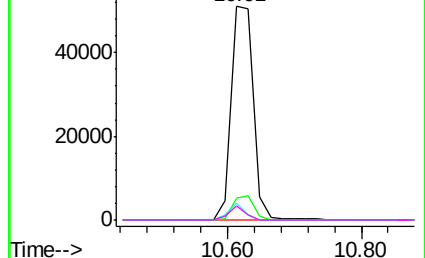


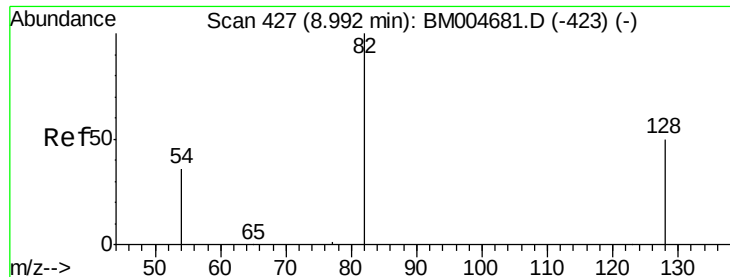
Abundance Ion 136.00 (135.70 to 136.70): BM004691.D (-549) (-)

Ion 137.00 (136.70 to 137.70): BM004691.D (-549) (-)

Ion 54.00 (53.70 to 54.70): BM004691.D (-549) (-)

Ion 68.00 (67.70 to 68.70): BM004691.D (-549) (-)





#7

Nitrobenzene-d5

Concen: 3.73 ng

RT: 8.99 min Scan# 427

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

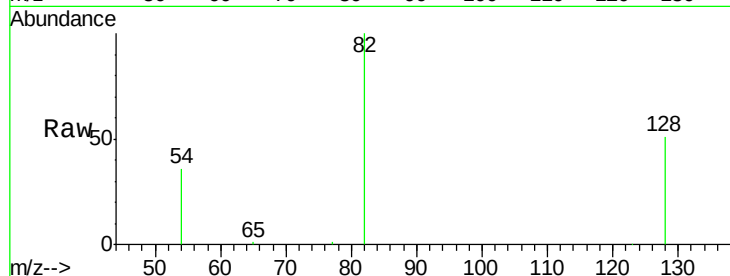
Tgt Ion: 82 Resp: 20884

Ion Ratio Lower Upper

82 100

128 51.2 41.8 62.8

54 36.1 32.9 49.3

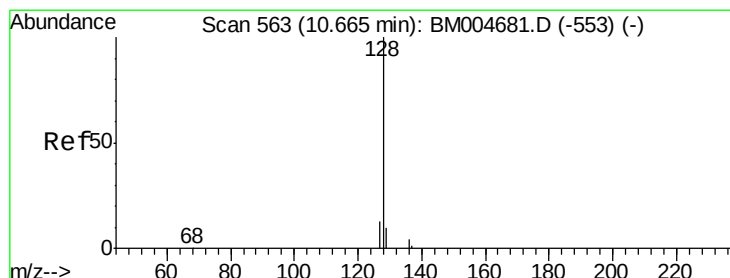
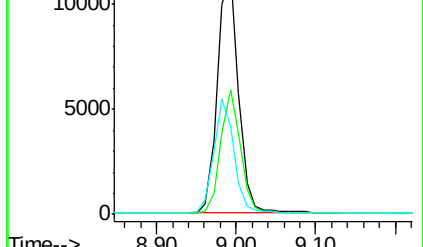
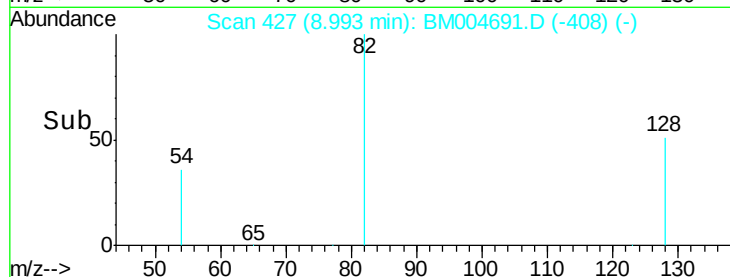


Abundance Ion 82.00 (81.70 to 82.70): BM004691.D (-408) (-)

Ion 128.00 (127.70 to 128.70): BM004691.D (-408) (-)

Ion 54.00 (53.70 to 54.70): BM004691.D (-408) (-)

Time-->



#8

Naphthalene

Concen: 0.05 ng

RT: 10.66 min Scan# 563

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

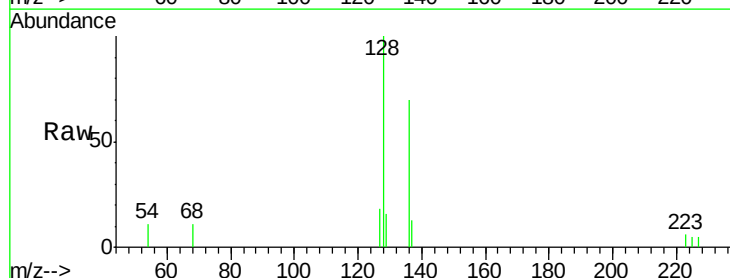
Tgt Ion: 128 Resp: 1594

Ion Ratio Lower Upper

128 100

129 16.0 8.9 13.3#

127 18.3 11.3 16.9#

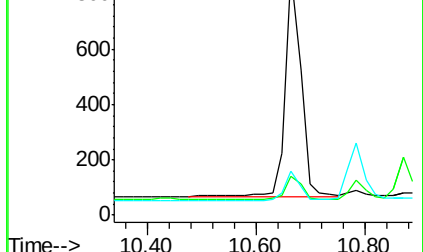
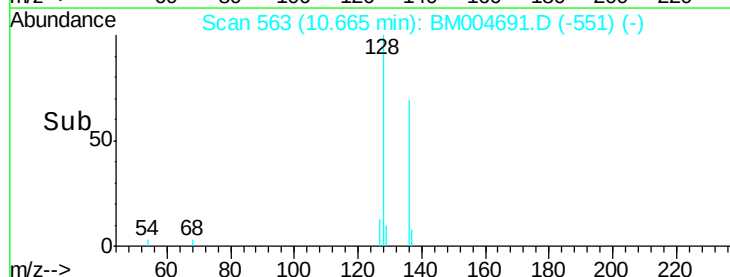


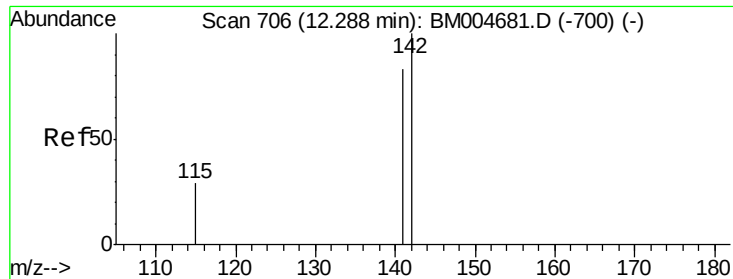
Abundance Ion 128.00 (127.70 to 128.70): BM004691.D (-551) (-)

Ion 129.00 (128.70 to 129.70): BM004691.D (-551) (-)

Ion 127.00 (126.70 to 127.70): BM004691.D (-551) (-)

Time-->





#9

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.28 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

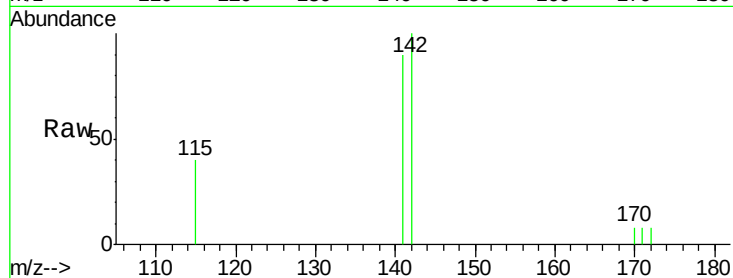
Tgt Ion:142 Resp: 991

Ion Ratio Lower Upper

142 100

141 89.5 66.2 99.2

115 40.5 23.8 35.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.28

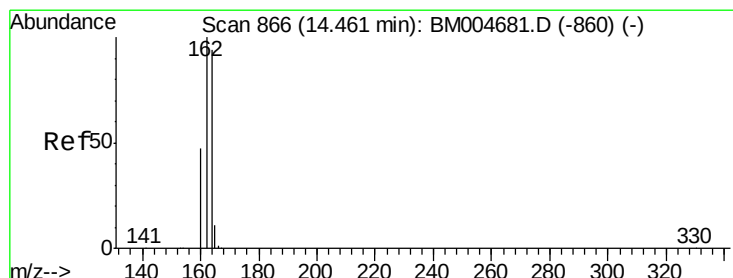
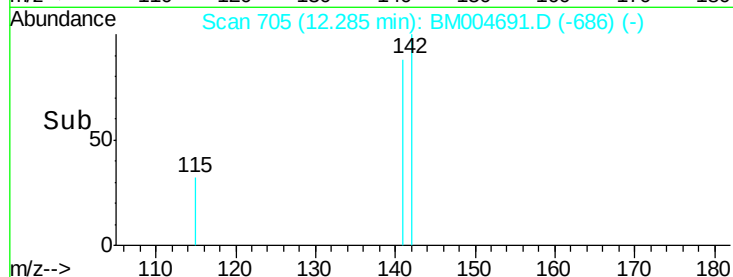
600

400

200

0

Time-->



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.47 min Scan# 866

Delta R.T. 0.01 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

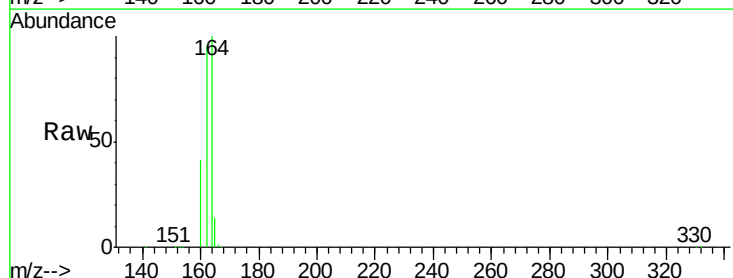
Tgt Ion:164 Resp: 60022

Ion Ratio Lower Upper

164 100

162 95.1 85.4 128.0

160 40.5 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.47

50000

40000

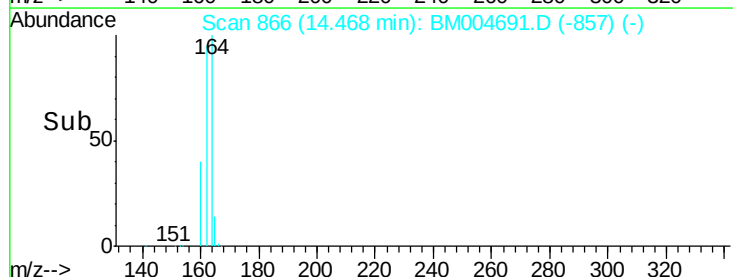
30000

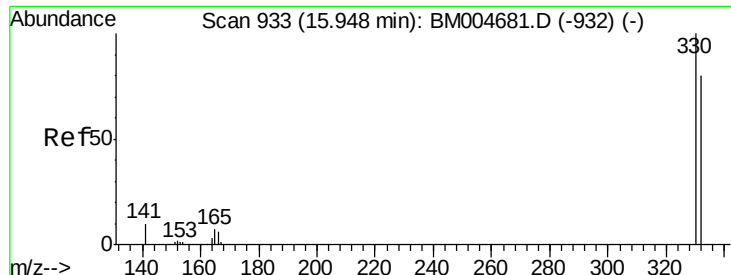
20000

10000

0

Time-->

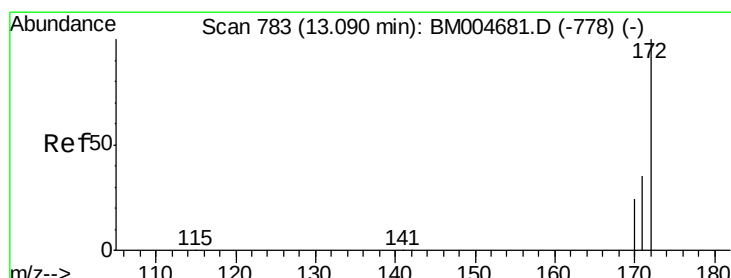
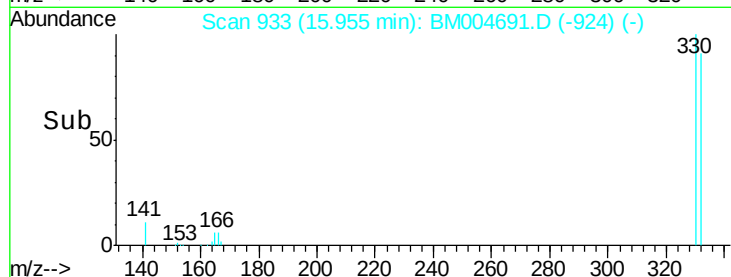
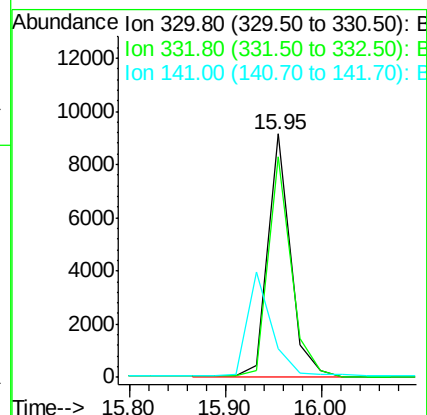
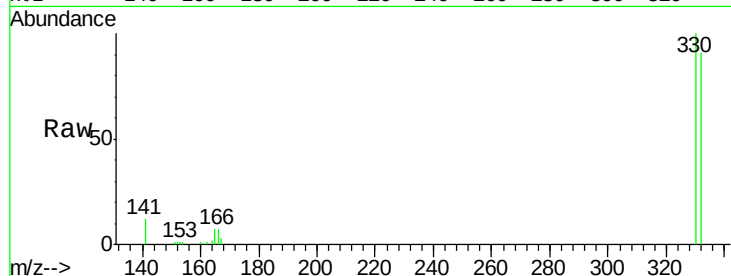




#11
 2,4,6-Tribromophenol
 Concen: 7.46 ng
 RT: 15.95 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: BM004691.D
 Acq: 18 Mar 2016 21:22

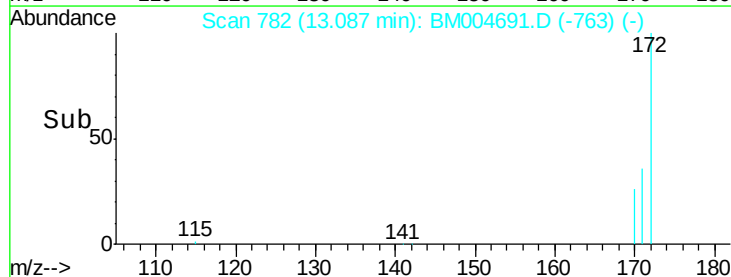
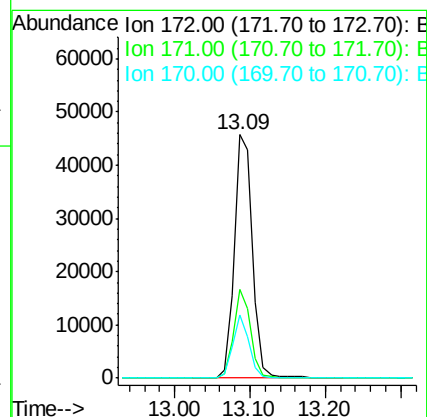
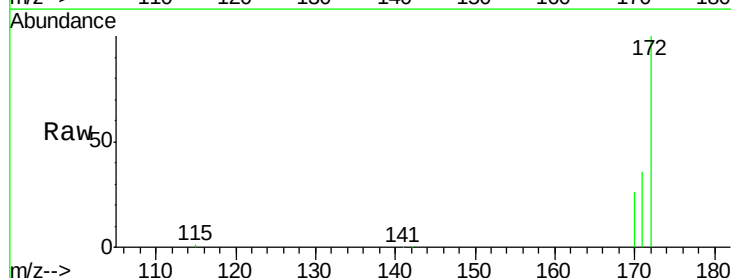
Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

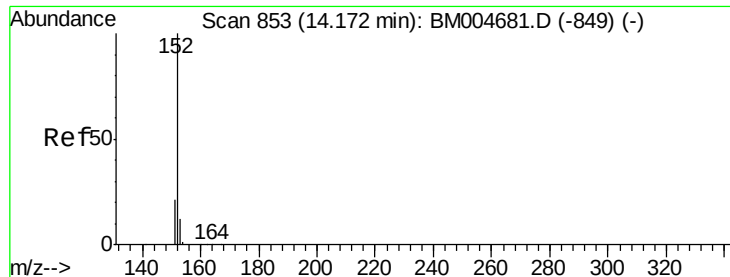
Tgt Ion:330 Resp: 14849
 Ion Ratio Lower Upper
 330 100
 332 93.0 93.9 140.9#
 141 0.0 42.2 63.2#



#12
 2-Fluorobiphenyl
 Concen: 4.50 ng
 RT: 13.09 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BM004691.D
 Acq: 18 Mar 2016 21:22

Tgt Ion:172 Resp: 77322
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.2 42.2
 170 25.8 19.4 29.2





#13

Acenaphthylene

Concen: 0.04 ng

RT: 14.18 min Scan# 853

Delta R.T. 0.01 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

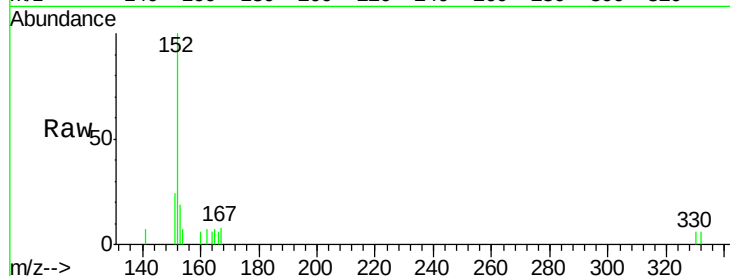
Tgt Ion:152 Resp: 1253

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.6

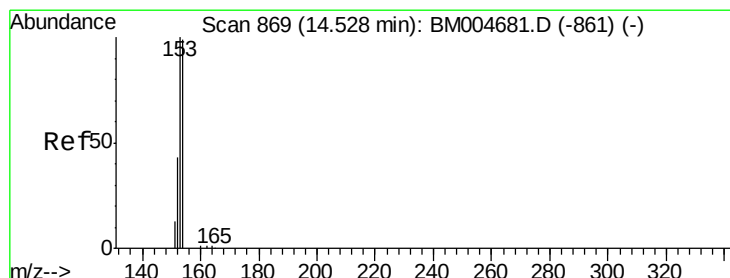
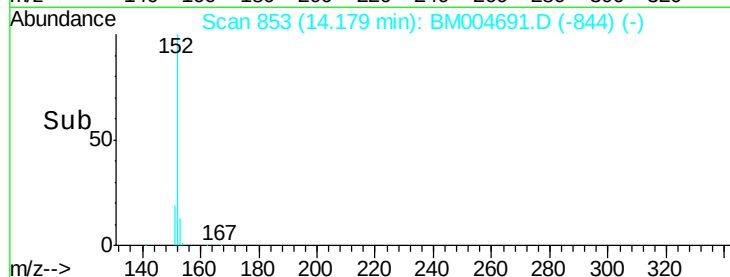
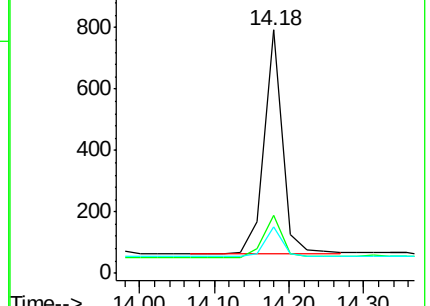
153 12.9 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#14

Acenaphthene

Concen: 0.06 ng

RT: 14.51 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

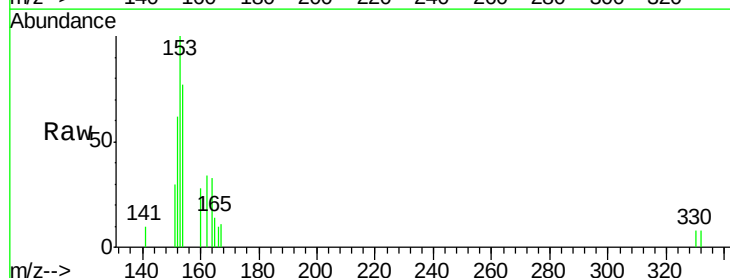
Tgt Ion:154 Resp: 1137

Ion Ratio Lower Upper

154 100

153 91.7 83.8 125.6

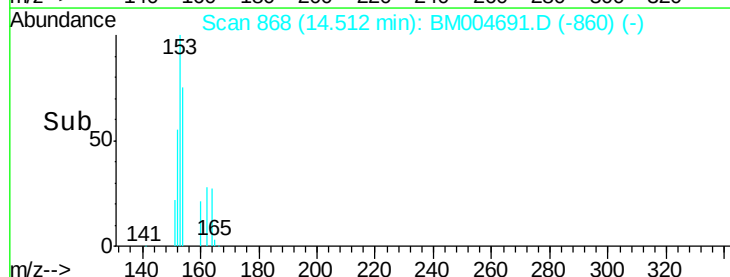
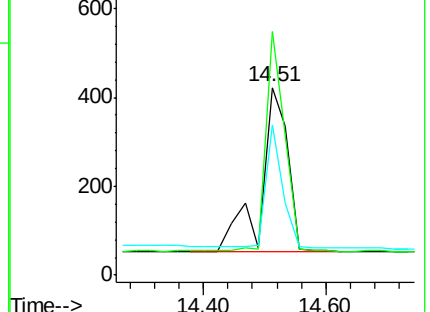
152 47.1 40.3 60.5

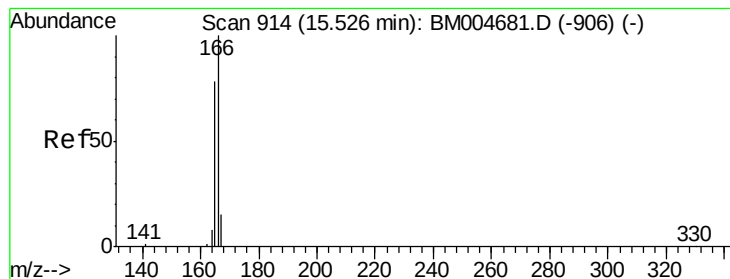


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 0.05 ng

RT: 15.51 min Scan# 913

Delta R.T. -0.02 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

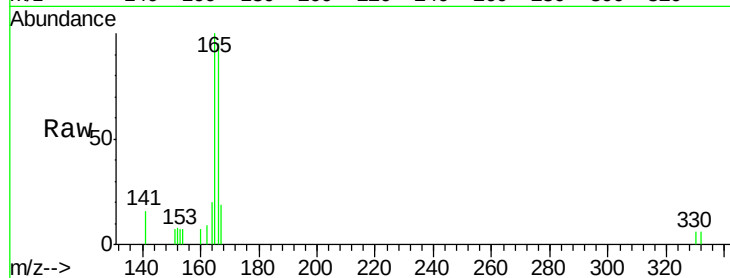
Tgt Ion:166 Resp: 1141

Ion Ratio Lower Upper

166 100

165 99.9 0.0 0.0#

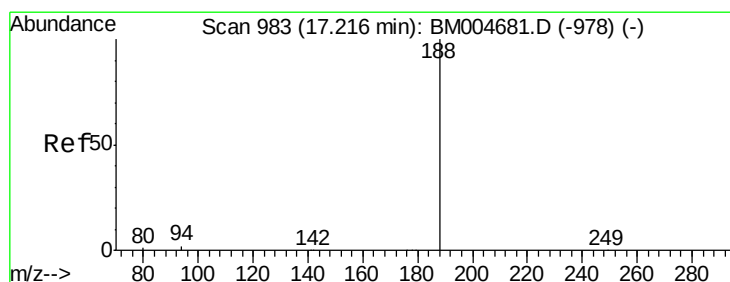
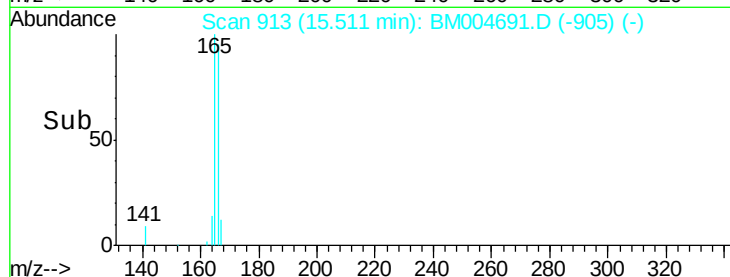
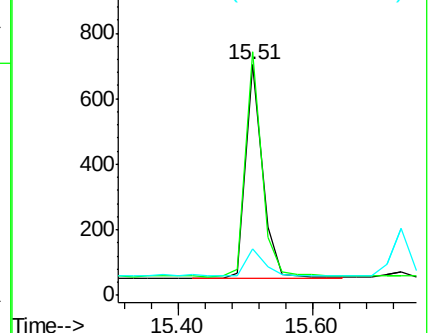
167 13.4 10.6 15.8



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: 17.20 min Scan# 982

Delta R.T. -0.02 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

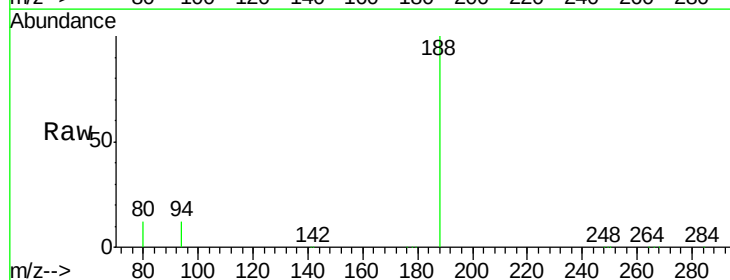
Tgt Ion:188 Resp: 129641

Ion Ratio Lower Upper

188 100

94 12.2 1.4 2.0#

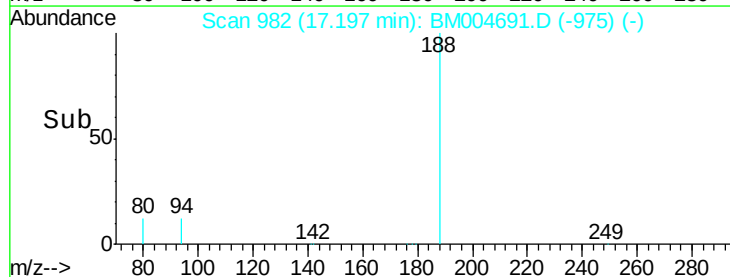
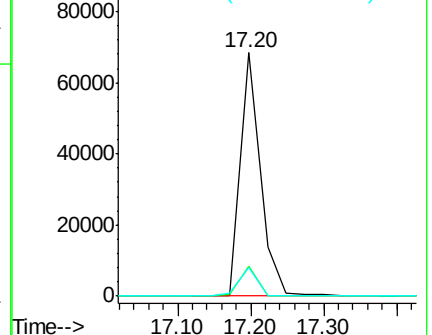
80 11.8 1.0 1.6#

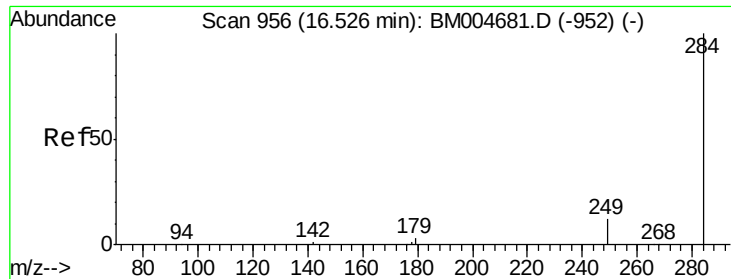


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

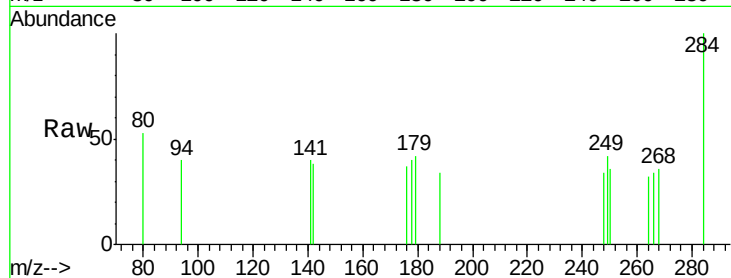




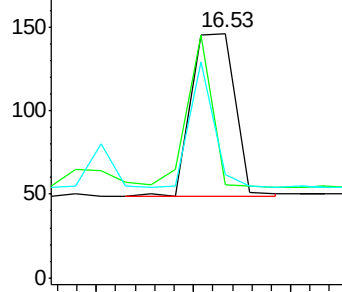
#17
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.01 min
Lab File: BM004691.D
Acq: 18 Mar 2016 21:22

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

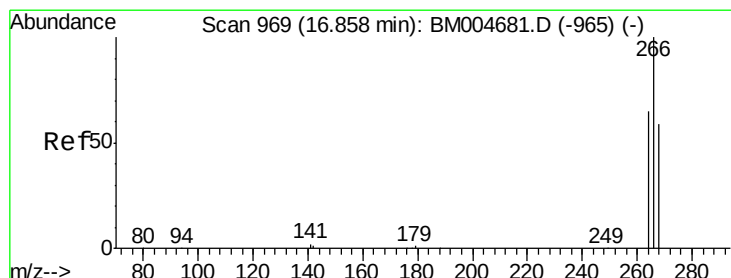
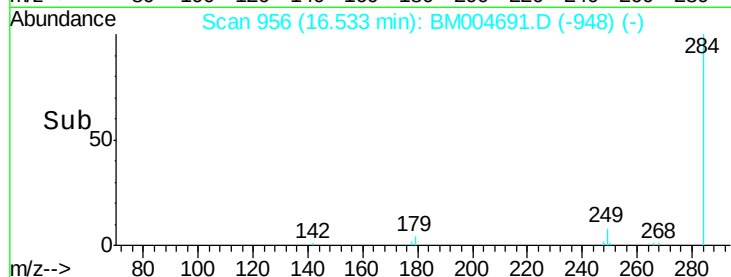
Tgt Ion: 284 Resp: 302
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



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

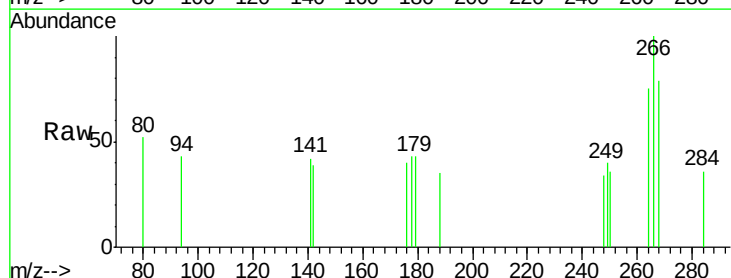


Time-->

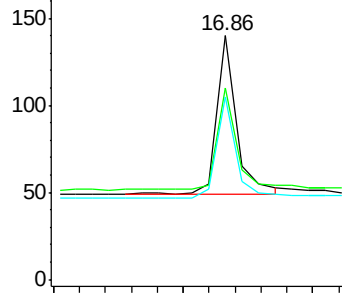


#18
Pentachlorophenol
Concen: 0.17 ng
RT: 16.86 min Scan# 969
Delta R.T. 0.01 min
Lab File: BM004691.D
Acq: 18 Mar 2016 21:22

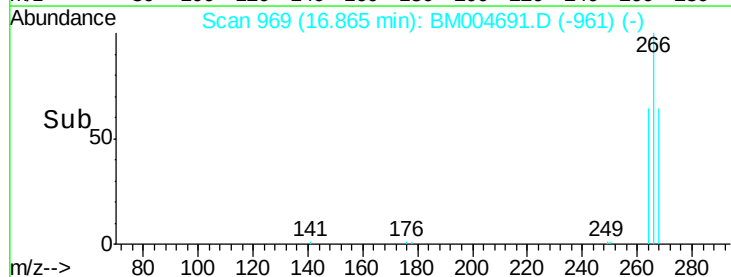
Tgt Ion: 266 Resp: 193
Ion Ratio Lower Upper
266 100
268 78.6 49.1 73.7#
264 75.0 52.9 79.3

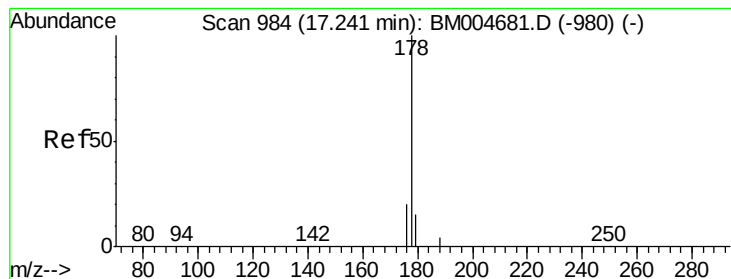


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





#19

Phenanthrene

Concen: 0.04 ng

RT: 17.25 min Scan# 984

Delta R.T. 0.01 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

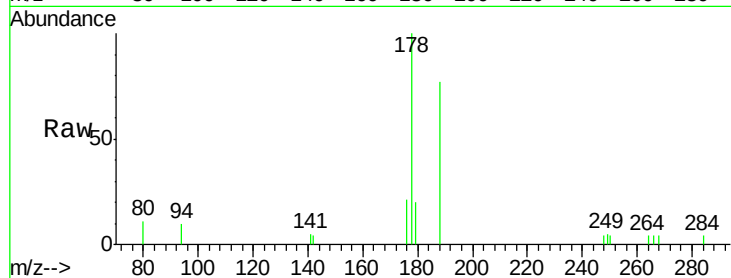
Tgt Ion:178 Resp: 2207

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

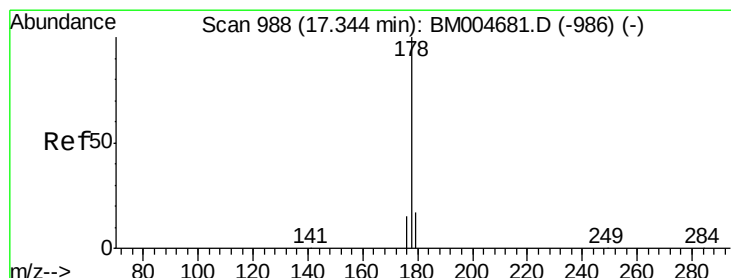
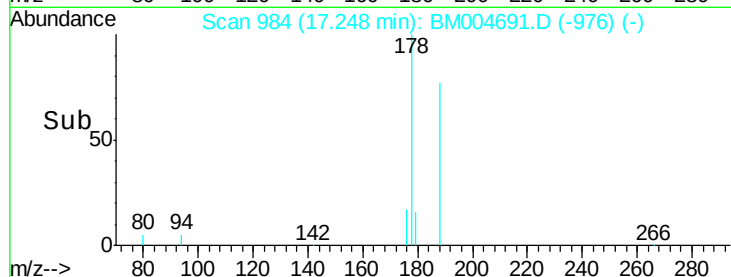
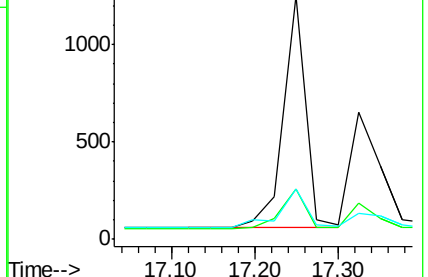
179 19.8 12.2 18.4#



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: 17.32 min Scan# 987

Delta R.T. -0.02 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

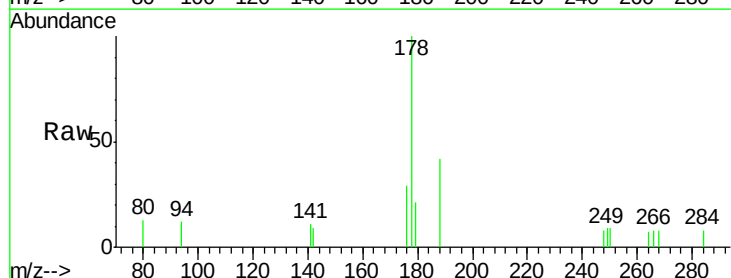
Tgt Ion:178 Resp: 1432

Ion Ratio Lower Upper

178 100

176 19.8 14.5 21.7

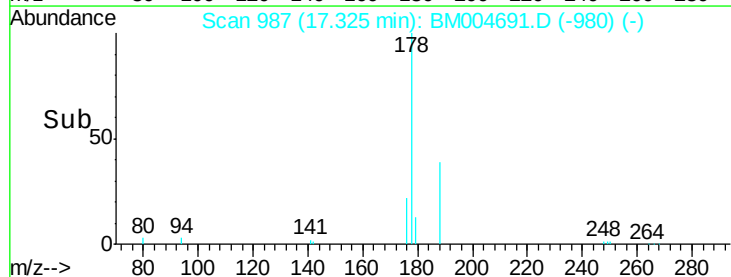
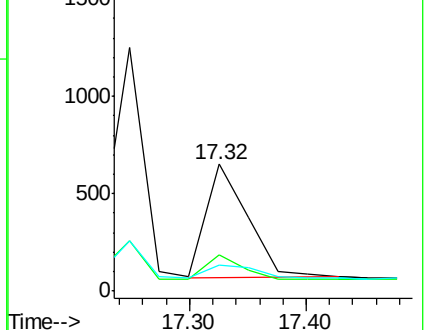
179 15.1 12.6 18.8

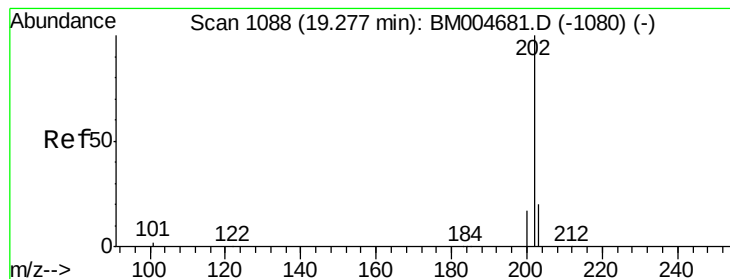


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.27 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

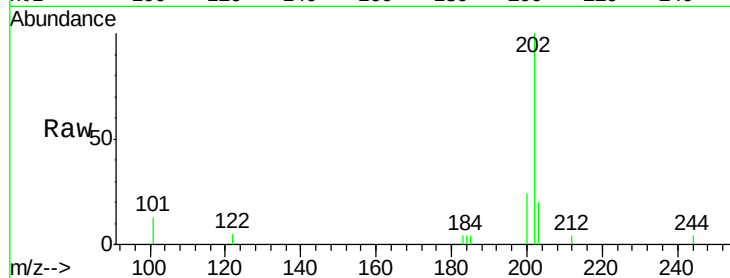
Tgt Ion: 202 Resp: 2003

Ion Ratio Lower Upper

202 100

101 10.9 8.7 13.1

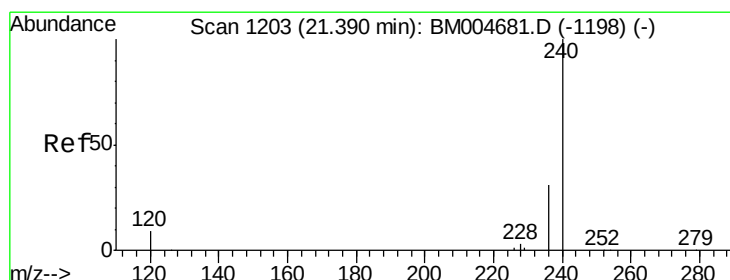
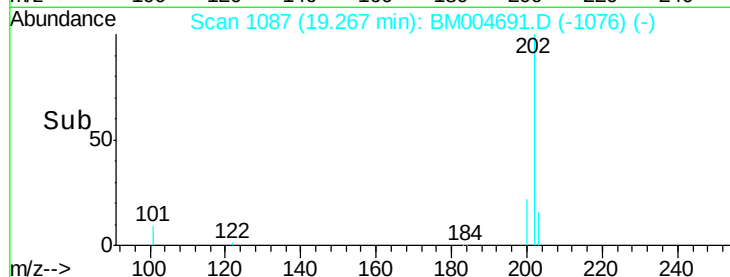
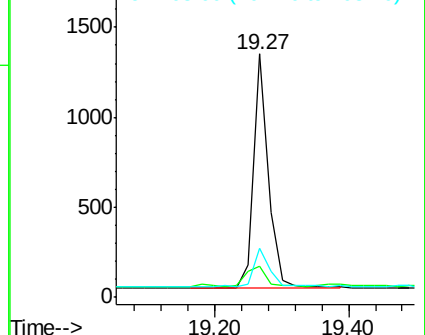
203 18.2 14.1 21.1



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: 21.40 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

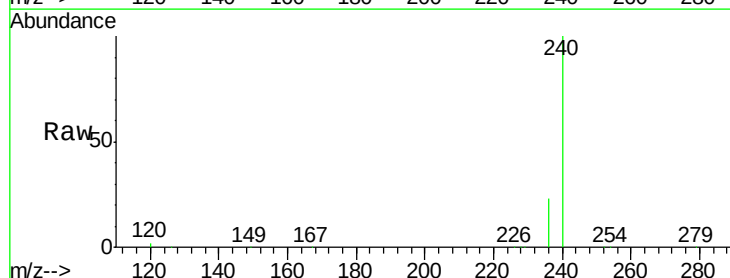
Tgt Ion: 240 Resp: 119897

Ion Ratio Lower Upper

240 100

120 1.6 7.4 11.2#

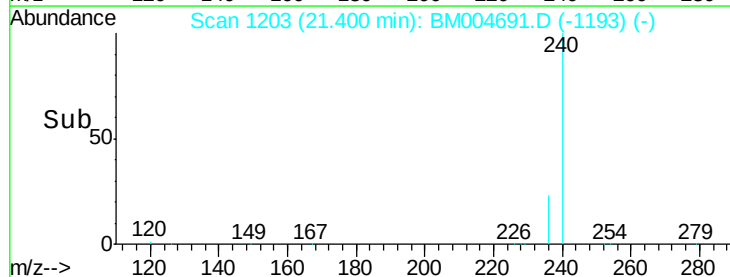
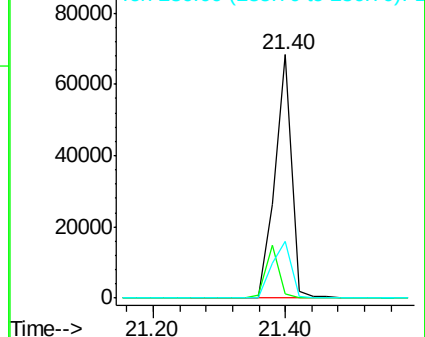
236 23.2 24.5 36.7#

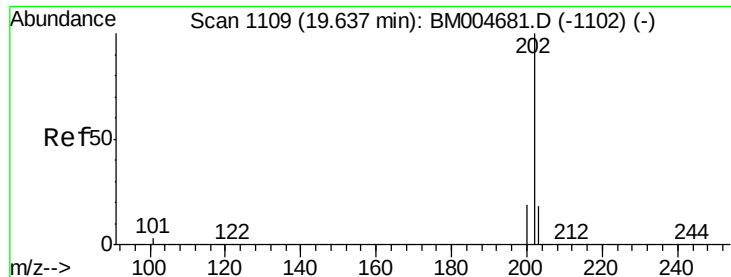


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

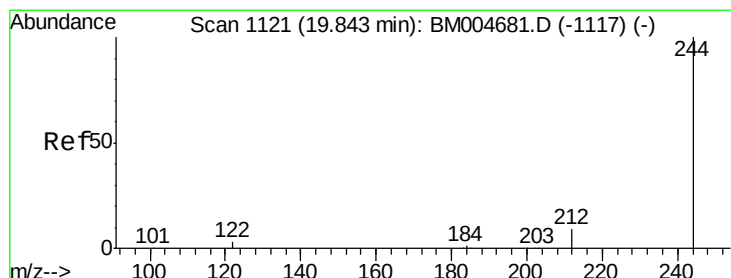
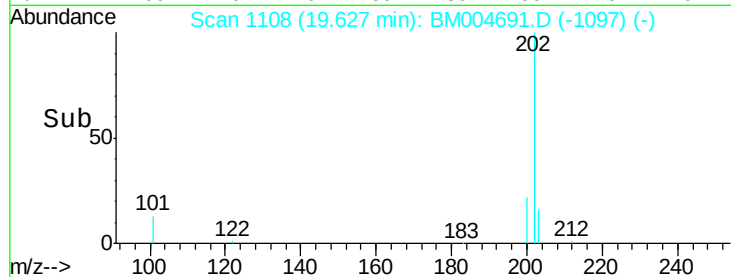
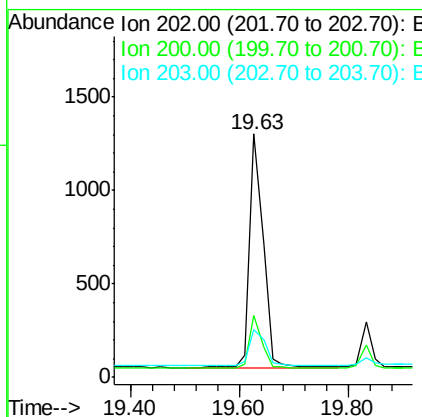
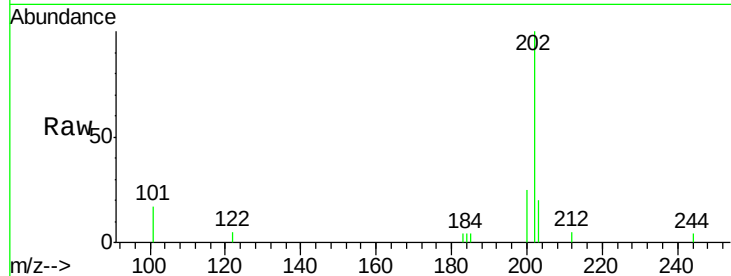




#23
 Pyrene
 Concen: 0.05 ng
 RT: 19.63 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM004691.D
 Acq: 18 Mar 2016 21:22

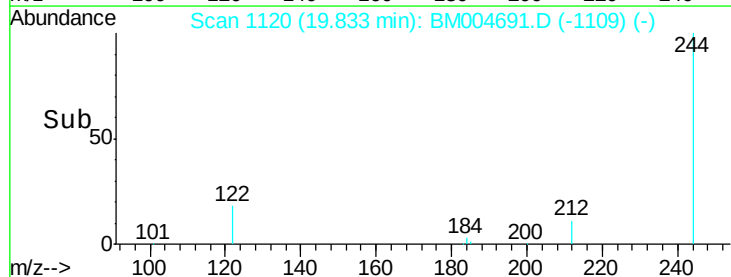
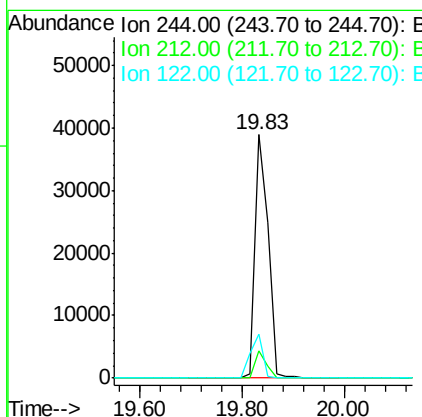
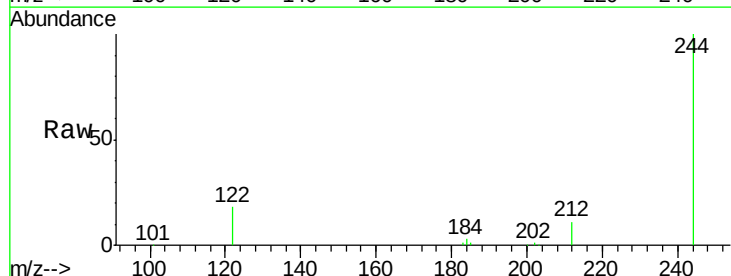
Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

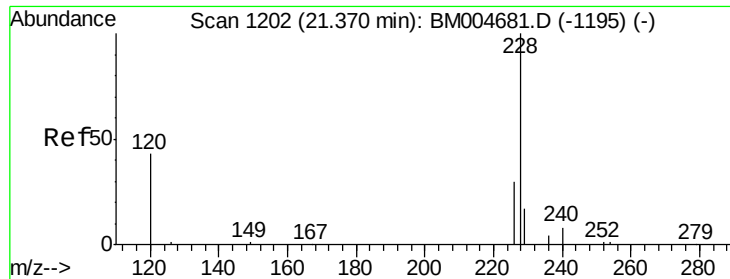
Tgt Ion: 202 Resp: 2127
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.8 25.2
 203 19.0 13.9 20.9



#24
 Terphenyl-d14
 Concen: 4.47 ng
 RT: 19.83 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BM004691.D
 Acq: 18 Mar 2016 21:22

Tgt Ion: 244 Resp: 67747
 Ion Ratio Lower Upper
 244 100
 212 11.4 7.7 11.5
 122 18.3 3.4 5.0#





#25

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.38 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

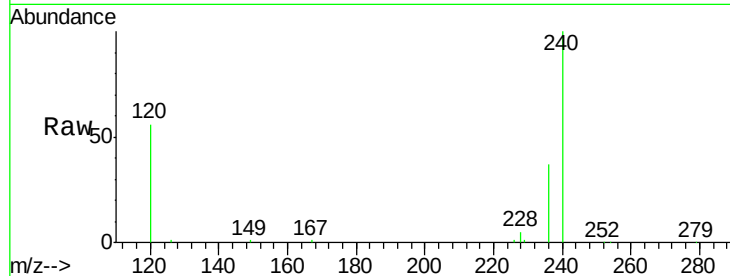
Tgt Ion:228 Resp: 2266

Ion Ratio Lower Upper

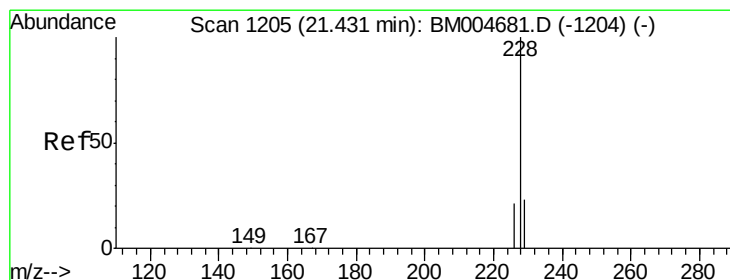
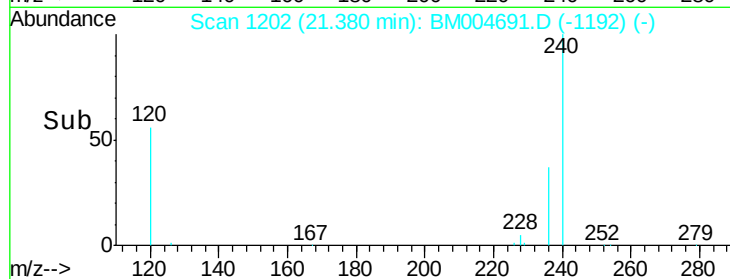
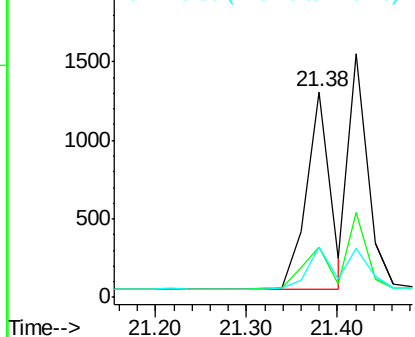
228 100

226 24.4 24.2 36.2

229 24.7 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: 0.06 ng

RT: 21.38 min Scan# 1202

Delta R.T. -0.05 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

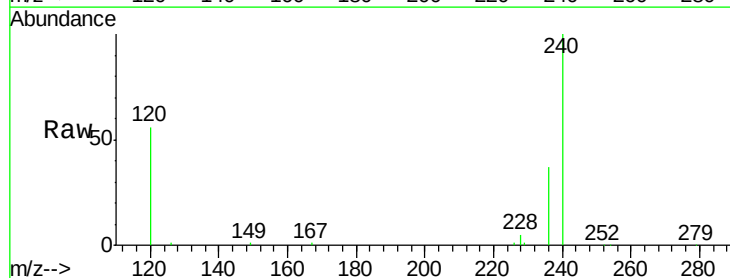
Tgt Ion:228 Resp: 2256

Ion Ratio Lower Upper

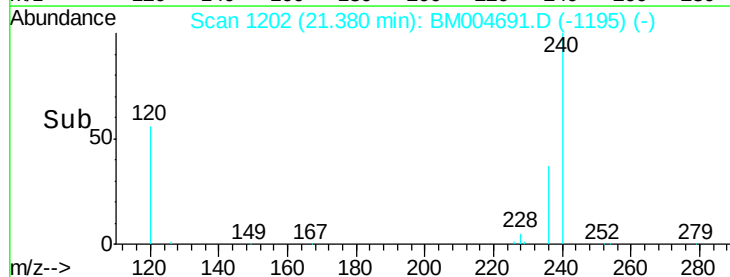
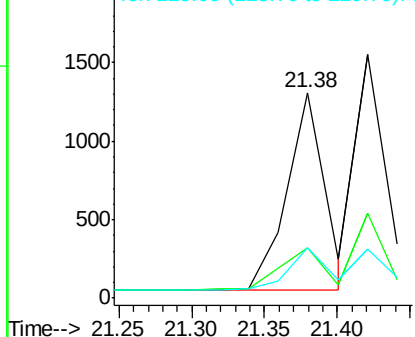
228 100

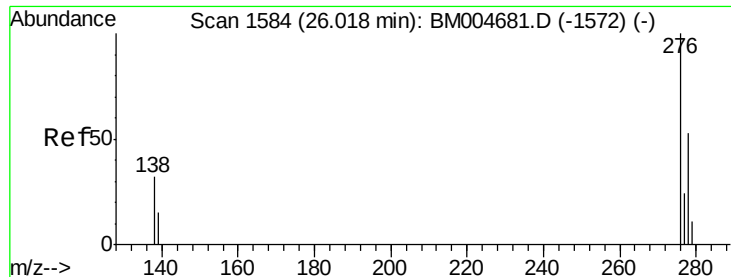
226 24.4 20.9 31.3

229 24.7 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: 0.05 ng

RT: 26.02 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

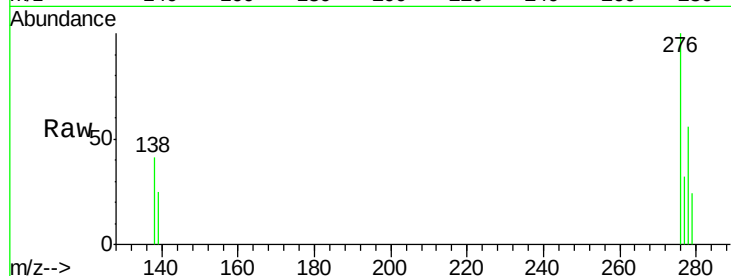
Tgt Ion:276 Resp: 1948

Ion Ratio Lower Upper

276 100

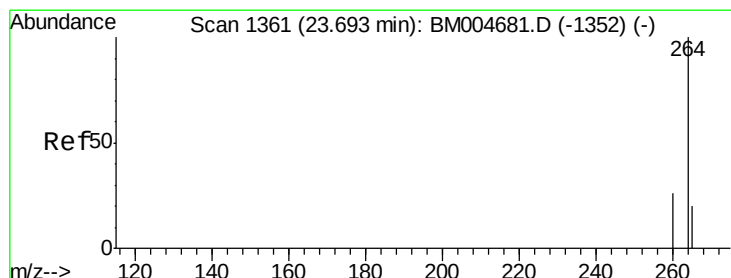
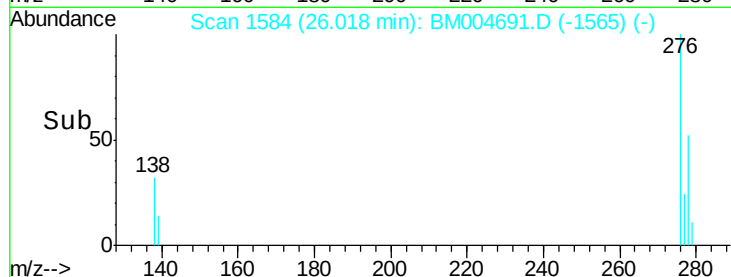
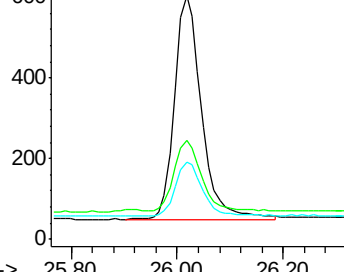
138 32.2 25.9 38.9

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

26.02



#28

Perylene-d12

Concen: 5.00 ng

RT: 23.69 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

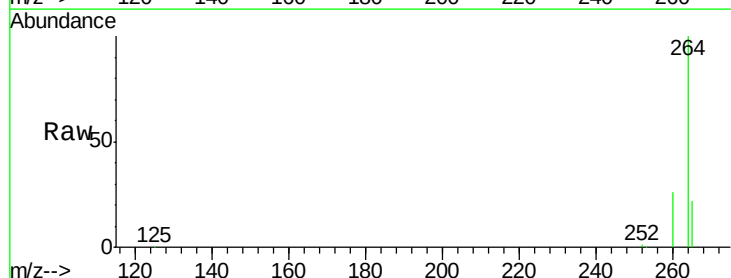
Tgt Ion:264 Resp: 114139

Ion Ratio Lower Upper

264 100

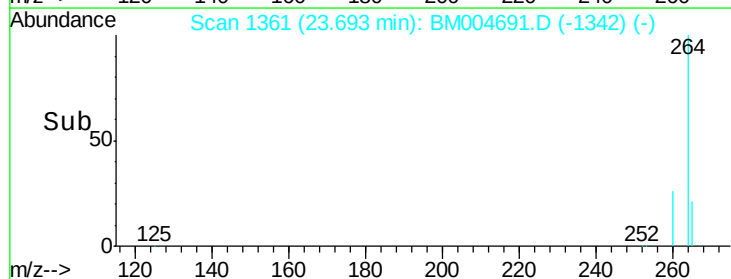
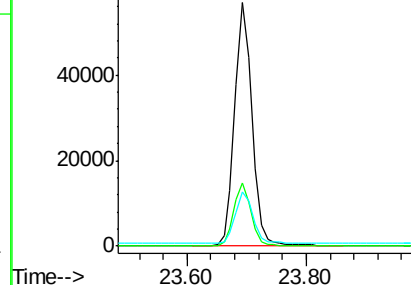
260 26.1 21.0 31.4

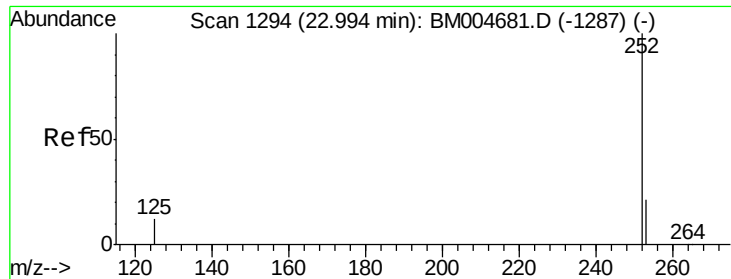
265 22.0 17.5 26.3



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

23.69





#29

Benzo(b)fluoranthene

Concen: 0.05 ng

RT: 22.99 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

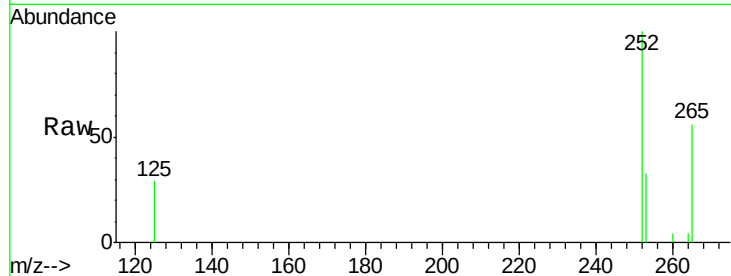
Tgt Ion:252 Resp: 2018

Ion Ratio Lower Upper

252 100

253 32.9 17.9 26.9#

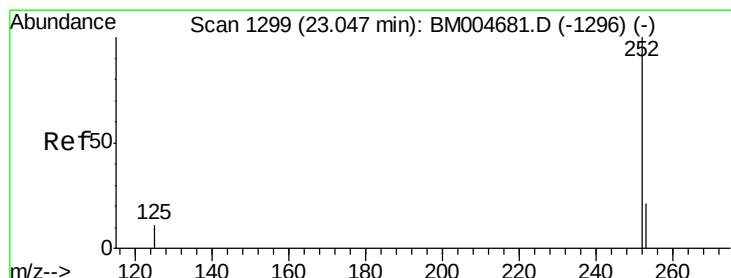
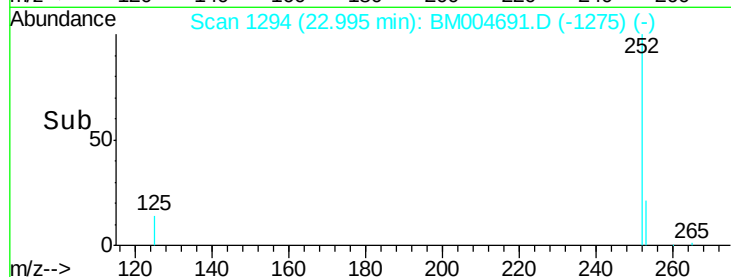
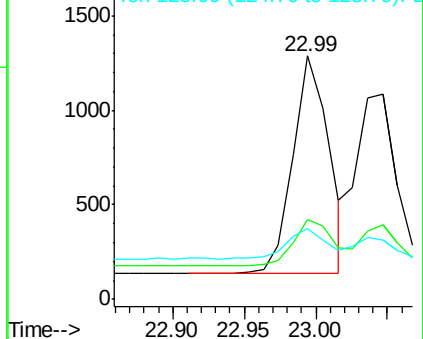
125 29.1 11.4 17.0#



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: 23.05 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

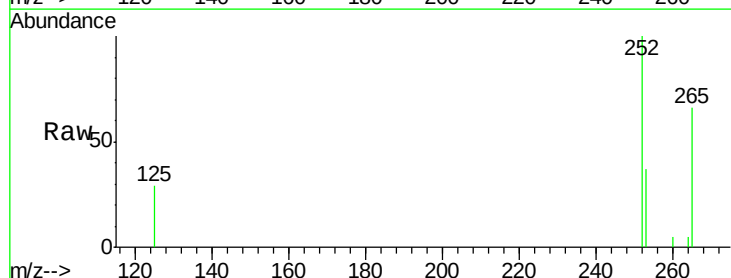
Tgt Ion:252 Resp: 1957

Ion Ratio Lower Upper

252 100

253 36.6 19.3 28.9#

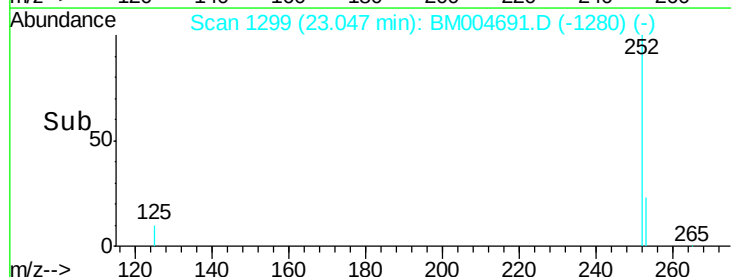
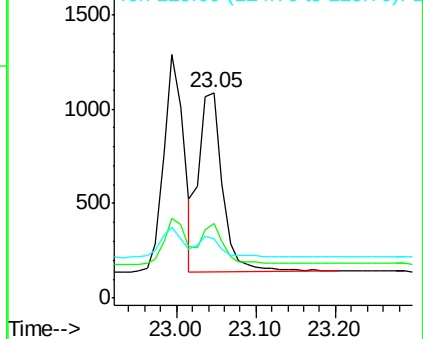
125 29.0 10.6 15.8#

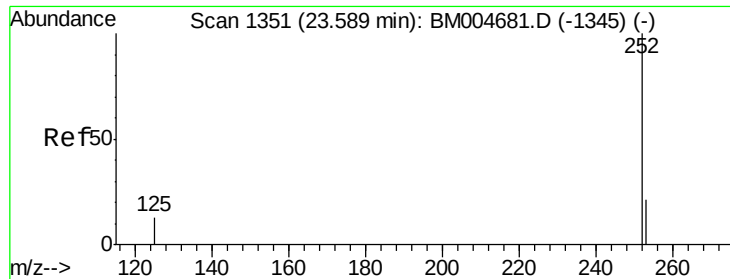


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.59 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

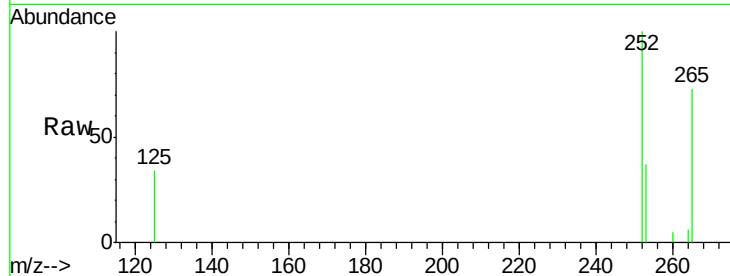
Tgt Ion:252 Resp: 1781

Ion Ratio Lower Upper

252 100

253 37.0 18.6 28.0#

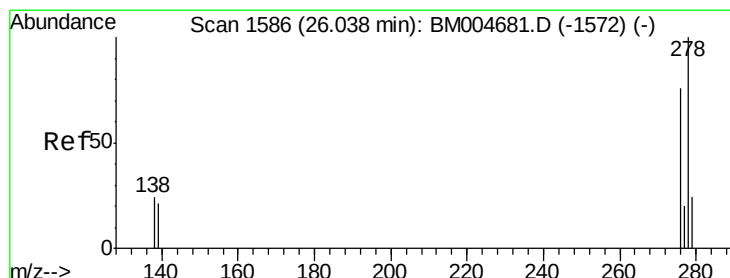
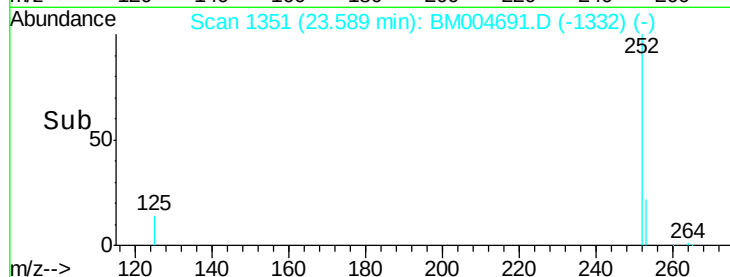
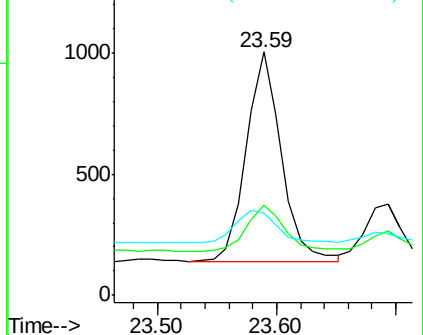
125 33.8 12.3 18.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#32

Dibenzo(a,h)anthracene

Concen: 0.04 ng

RT: 26.04 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BM004691.D

Acq: 18 Mar 2016 21:22

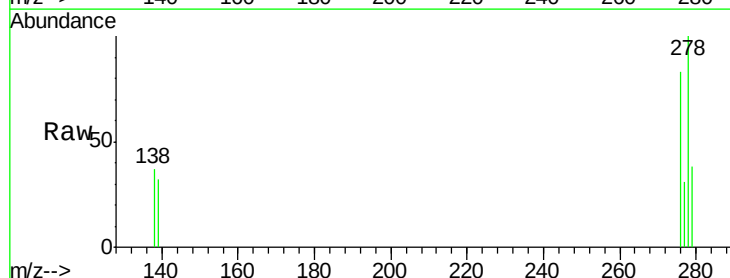
Tgt Ion:278 Resp: 1530

Ion Ratio Lower Upper

278 100

139 32.1 17.6 26.4#

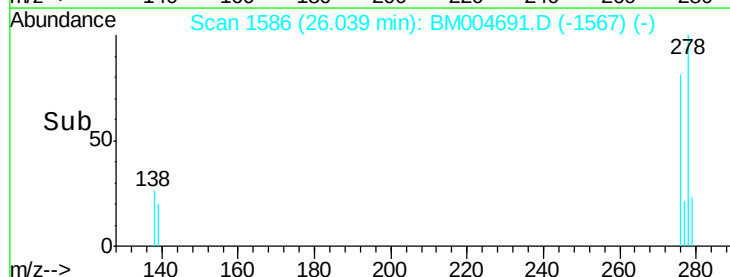
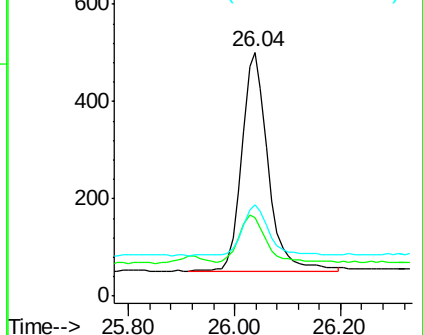
279 37.5 19.9 29.9#

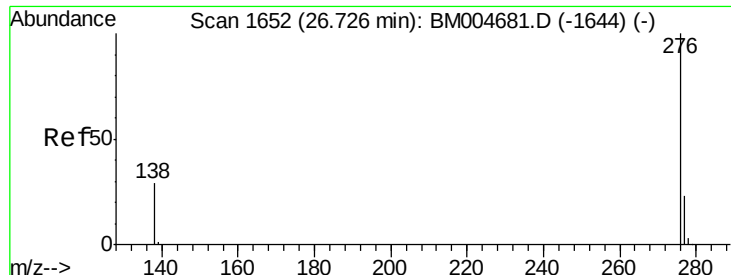


Abundance Ion 278.00 (277.70 to 278.70): E

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# 1652

Delta R.T. 0.00 min

Lab File: BM004691.D

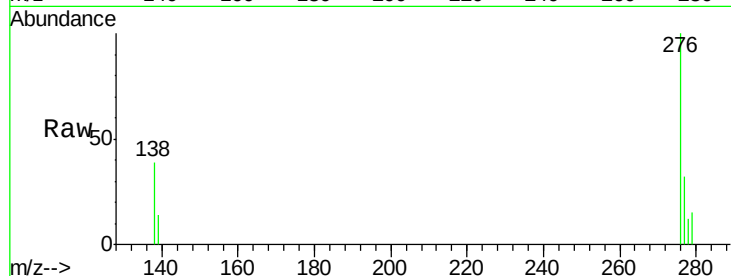
Acq: 18 Mar 2016 21:22

Instrument :

BNA_M

ClientSampleId :

MDL-02-W



Tgt Ion: 276 Resp: 1743

Ion Ratio Lower Upper

276 100

277 32.0 19.1 28.7#

138 38.9 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

