

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031816\
 Data File : BM004690.D
 Acq On : 18 Mar 2016 20:45
 Operator : UM/SJ
 Sample : MDL-01-W
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-W

Quant Time: Mar 21 01:14:00 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	28453	5.00	ng	0.00
6) Naphthalene-d8	10.63	136	112941	5.00	ng	0.00
10) Acenaphthene-d10	14.47	164	58660	5.00	ng	0.00
16) Phenanthrene-d10	17.20	188	128756	5.00	ng	-0.02
22) Chrysene-d12	21.40	240	124432	5.00	ng	0.01
28) Perylene-d12	23.69	264	114864	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	47288	7.20	ng	0.00
5) Phenol-d6	6.99	99	57292	7.12	ng	0.00
7) Nitrobenzene-d5	8.99	82	21182	3.89	ng	0.00
11) 2,4,6-Tribromophenol	15.96	330	16148	8.30	ng	0.00
12) 2-Fluorobiphenyl	13.09	172	77967	4.65	ng	0.00
24) Terphenyl-d14	19.83	244	72306	4.60	ng	-0.01

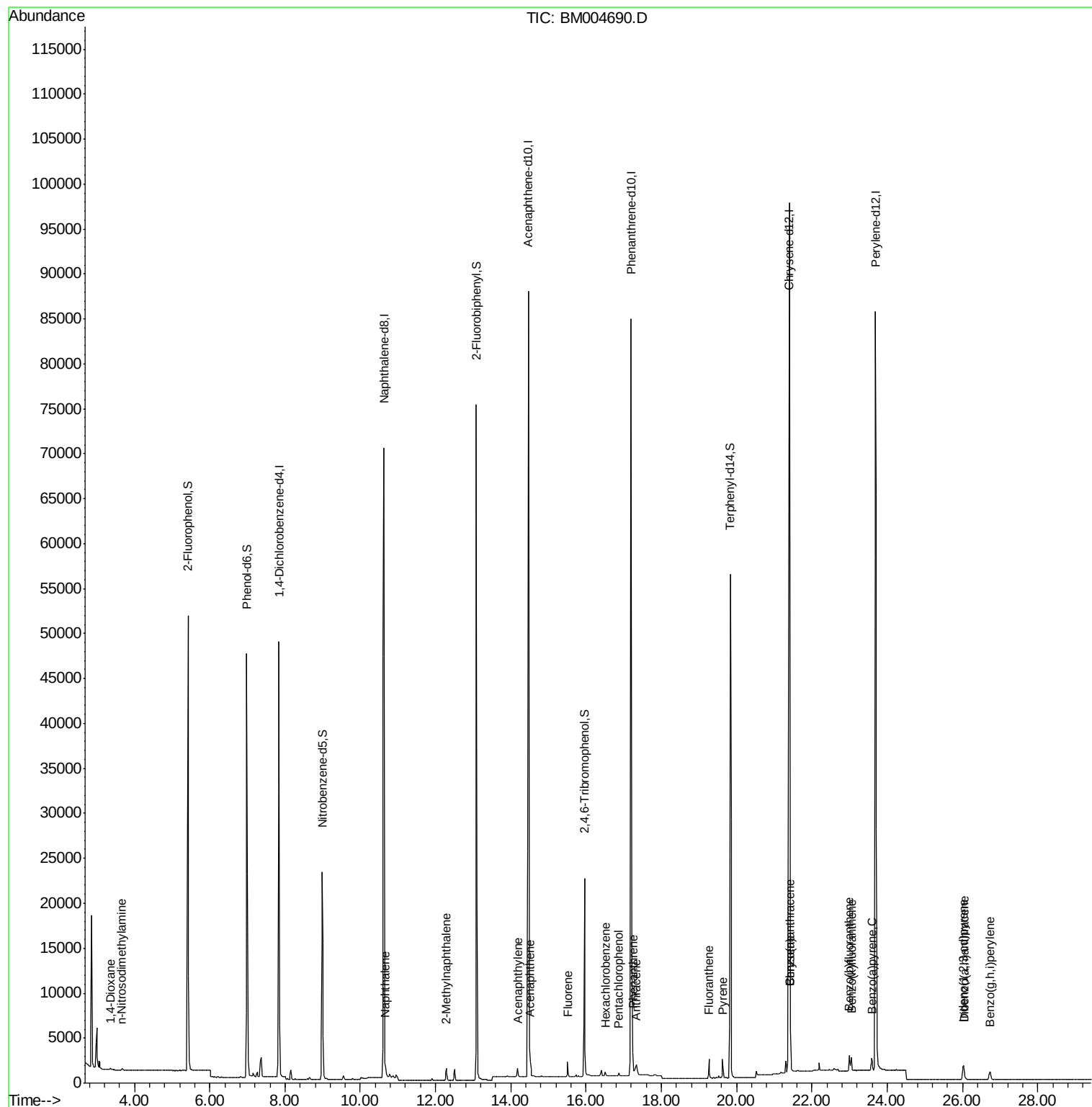
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	292	0.03	ng	# 76
3) n-Nitrosodimethylamine	3.66	42	149	0.05	ng	# 90
8) Naphthalene	10.66	128	1614	0.05	ng	# 87
9) 2-Methylnaphthalene	12.28	142	1015	0.05	ng	# 90
13) Acenaphthylene	14.18	152	1292	0.04	ng	98
14) Acenaphthene	14.51	154	1149	0.06	ng	90
15) Fluorene	15.51	166	1199	0.05	ng	# 98
17) Hexachlorobenzene	16.51	284	319	0.04	ng	# 100
18) Pentachlorophenol	16.87	266	250	0.18	ng	# 88
19) Phenanthrene	17.25	178	2253	0.04	ng	# 93
20) Anthracene	17.33	178	1554	0.04	ng	98
21) Fluoranthene	19.27	202	2178	0.04	ng	98
23) Pyrene	19.63	202	2333	0.05	ng	97
25) Benzo(a)anthracene	21.42	228	4976	0.10	ng	92
26) Chrysene	21.42	228	4985	0.13	ng	# 89
27) Indeno(1,2,3-cd)pyrene	26.02	276	2175	0.05	ng	98
29) Benzo(b)fluoranthene	22.99	252	2207	0.05	ng	# 74
30) Benzo(k)fluoranthene	23.05	252	2213	0.05	ng	# 74
31) Benzo(a)pyrene	23.59	252	1967	0.05	ng	# 68
32) Dibenzo(a,h)anthracene	26.04	278	1723	0.05	ng	# 78
33) Benzo(g,h,i)perylene	26.73	276	1936	0.05	ng	# 87

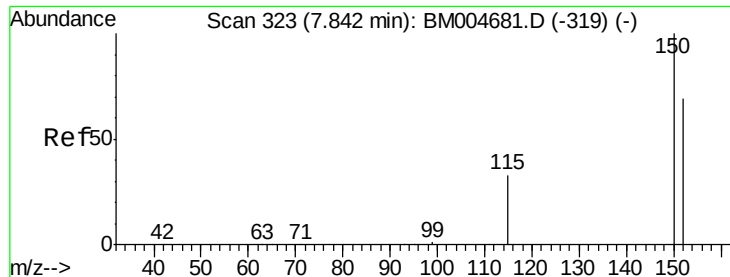
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

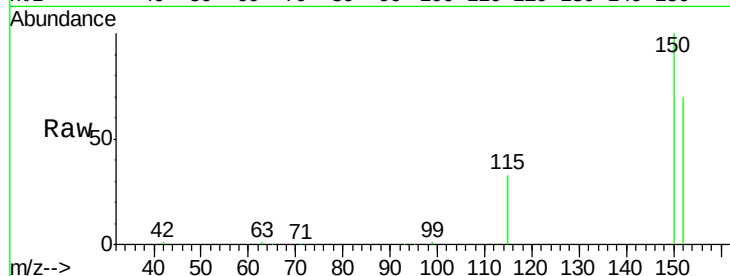
Tgt Ion: 152 Resp: 28453

Ion Ratio Lower Upper

152 100

150 143.1 115.9 173.9

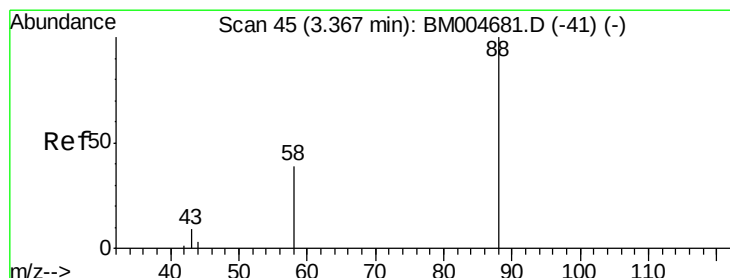
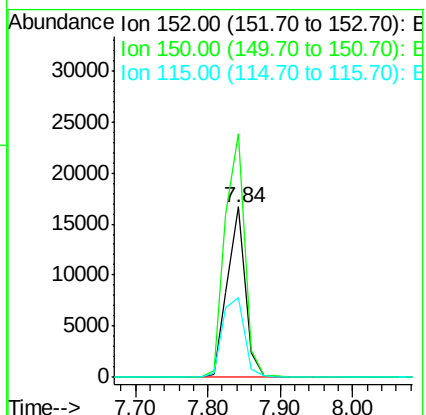
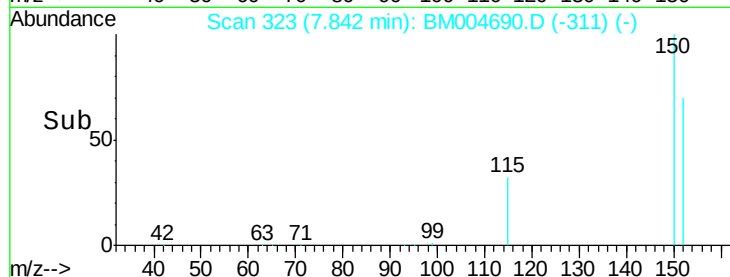
115 46.7 38.4 57.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.03 ng

RT: 3.37 min Scan# 45

Delta R.T. 0.00 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

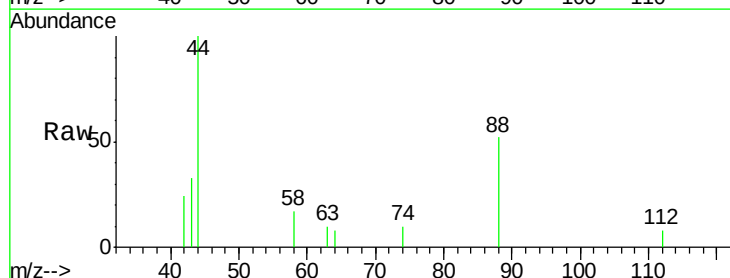
Tgt Ion: 88 Resp: 292

Ion Ratio Lower Upper

88 100

58 36.3 43.9 65.9#

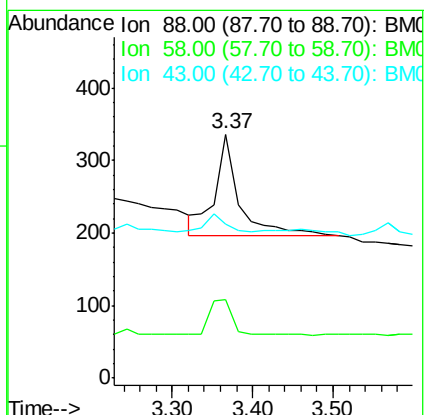
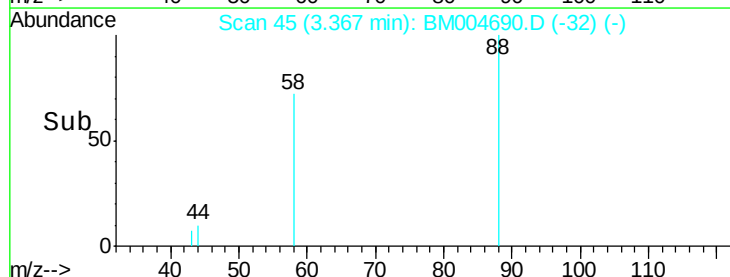
43 14.0 19.9 29.9#

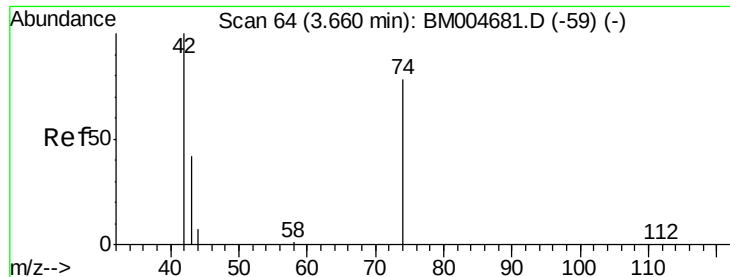


Abundance Ion 88.00 (87.70 to 88.70): BM0

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: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

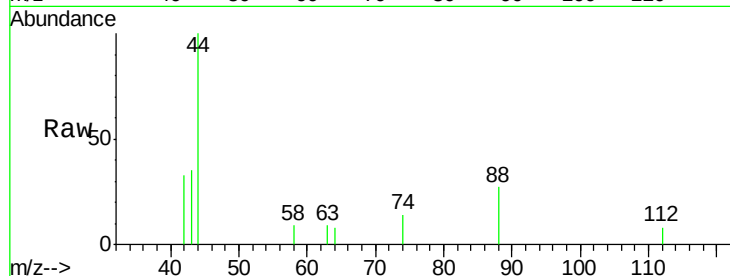
Tgt Ion: 42 Resp: 149

Ion Ratio Lower Upper

42 100

74 141.6 120.9 181.3

44 32.2 6.0 9.0#



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

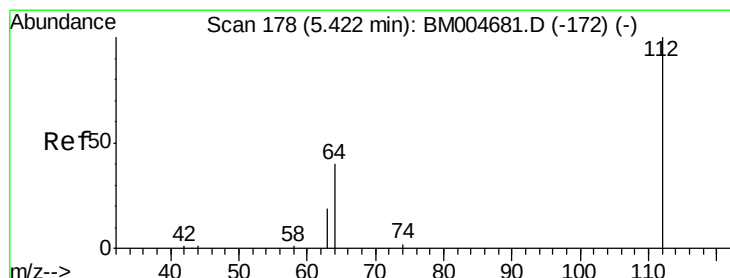
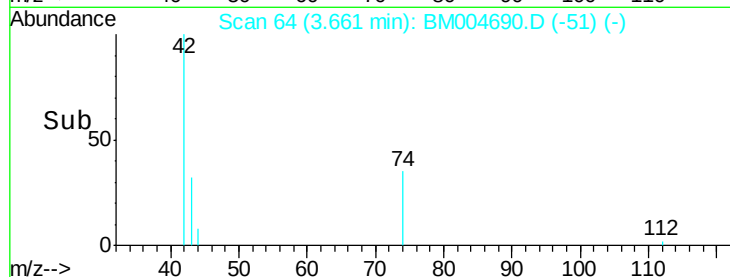
Ion 74.00 (73.70 to 74.70): BM004681.D (-59) (-)

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

Time-->

3.66

3.60 3.70 3.80



#4

2-Fluorophenol

Concen: 7.20 ng

RT: 5.42 min Scan# 178

Delta R.T. 0.00 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

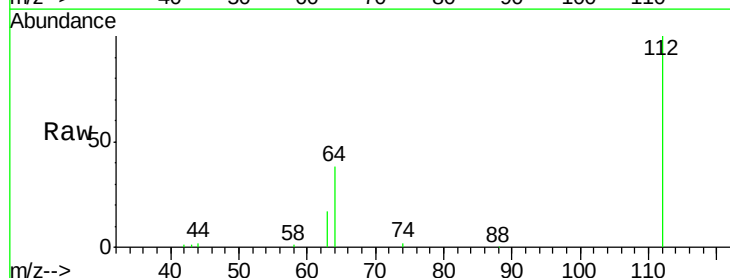
Tgt Ion: 112 Resp: 47288

Ion Ratio Lower Upper

112 100

64 46.4 37.0 55.6

63 23.8 19.3 28.9



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

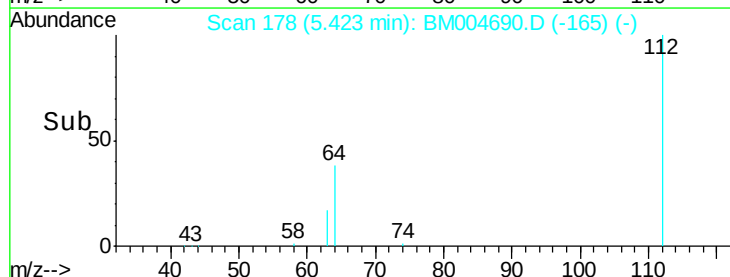
Ion 64.00 (63.70 to 64.70): BM004681.D (-172) (-)

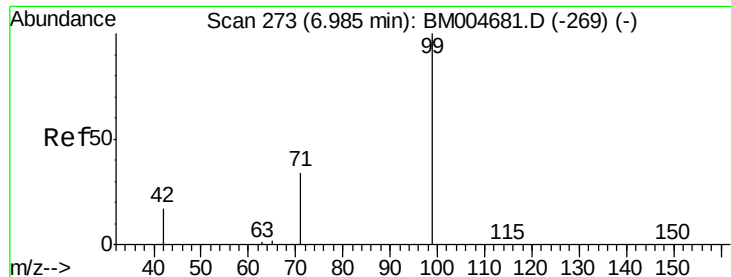
Ion 63.00 (62.70 to 63.70): BM004681.D (-172) (-)

Time-->

5.42

5.30 5.40 5.50 5.60





#5

Phenol-d6

Concen: 7.12 ng

RT: 6.99 min Scan# 273

Delta R.T. 0.00 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

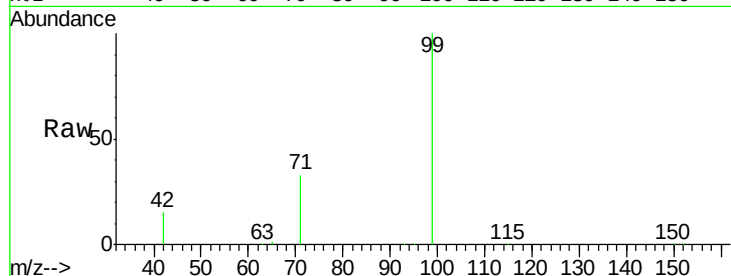
Tgt Ion: 99 Resp: 57292

Ion Ratio Lower Upper

99 100

42 14.3 12.7 19.1

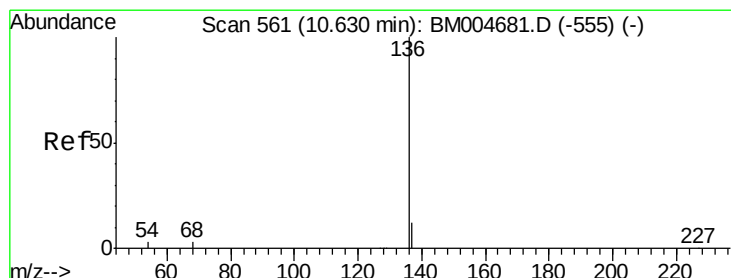
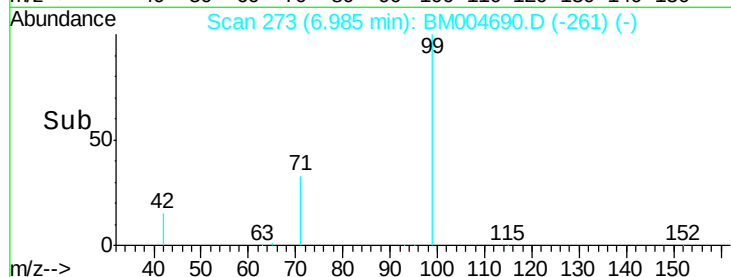
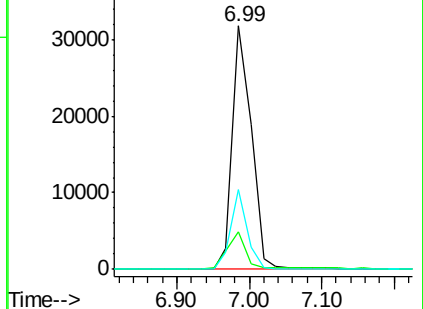
71 28.2 22.9 34.3



Abundance Ion 99.00 (98.70 to 99.70): BM004690.D (-269) (-)

Ion 42.00 (41.70 to 42.70): BM004690.D (-269) (-)

Ion 71.00 (70.70 to 71.70): BM004690.D (-269) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.63 min Scan# 560

Delta R.T. -0.00 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

Tgt Ion: 136 Resp: 112941

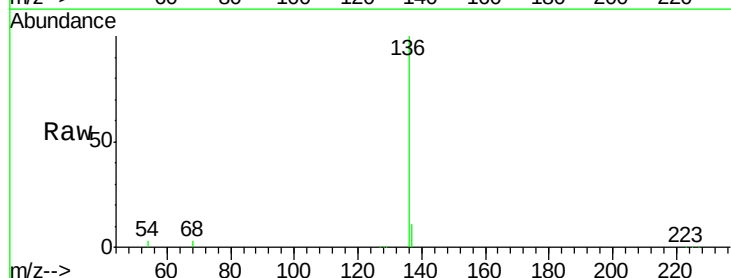
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.2

54 3.3 2.2 3.4

68 3.2 2.2 3.4

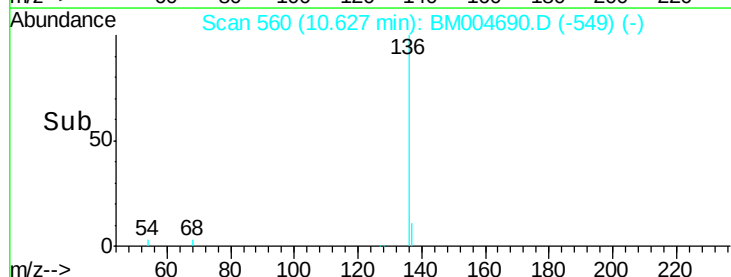
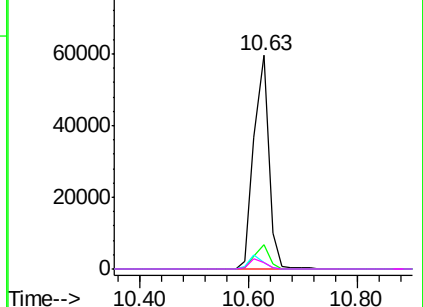


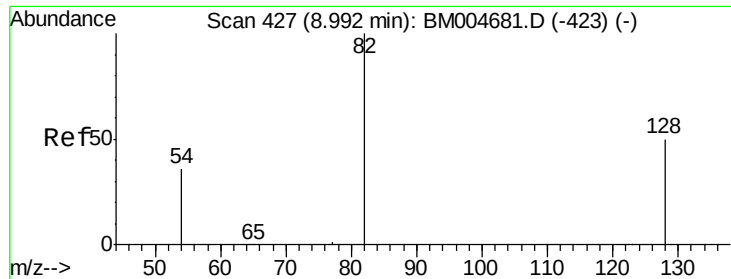
Abundance Ion 136.00 (135.70 to 136.70): BM004690.D (-549) (-)

Ion 137.00 (136.70 to 137.70): BM004690.D (-549) (-)

Ion 54.00 (53.70 to 54.70): BM004690.D (-549) (-)

Ion 68.00 (67.70 to 68.70): BM004690.D (-549) (-)





#7

Nitrobenzene-d5

Concen: 3.89 ng

RT: 8.99 min Scan# 426

Delta R.T. -0.00 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

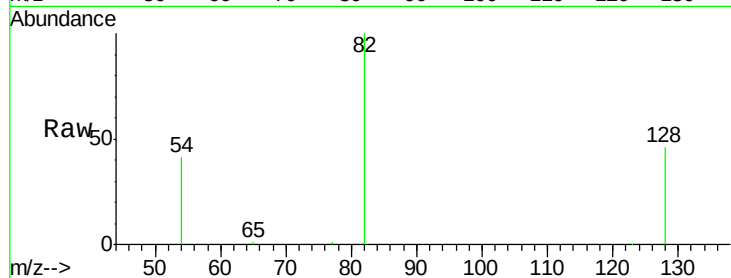
Tgt Ion: 82 Resp: 21182

Ion Ratio Lower Upper

82 100

128 46.0 41.8 62.8

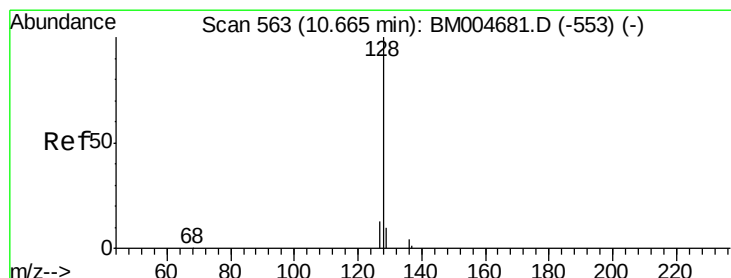
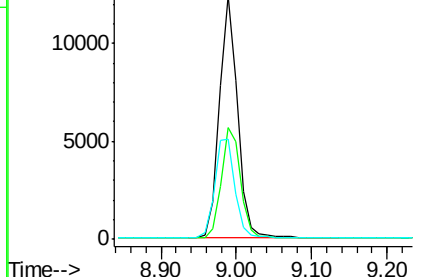
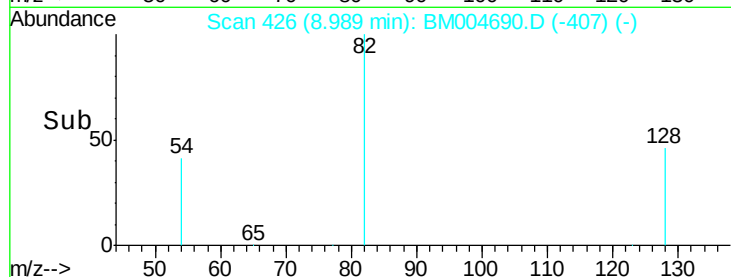
54 41.2 32.9 49.3



Abundance Ion 82.00 (81.70 to 82.70): BM004690.D (-407) (-)

Ion 128.00 (127.70 to 128.70): BM004690.D (-407) (-)

Ion 54.00 (53.70 to 54.70): BM004690.D (-407) (-)



#8

Naphthalene

Concen: 0.05 ng

RT: 10.66 min Scan# 562

Delta R.T. -0.00 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

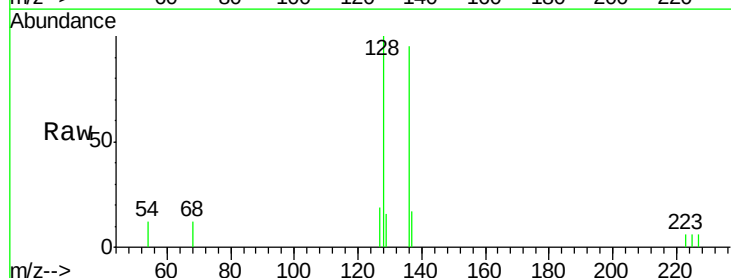
Tgt Ion: 128 Resp: 1614

Ion Ratio Lower Upper

128 100

129 16.4 8.9 13.3#

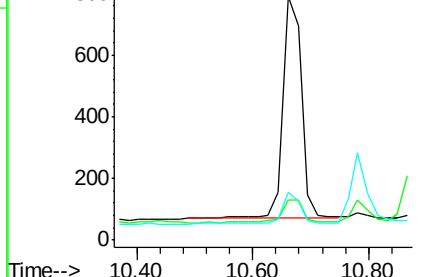
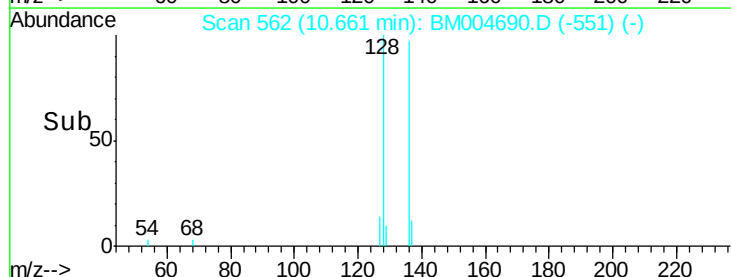
127 19.3 11.3 16.9#

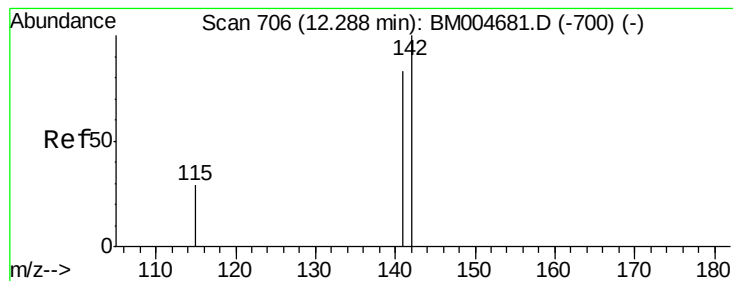


Abundance Ion 128.00 (127.70 to 128.70): BM004690.D (-551) (-)

Ion 129.00 (128.70 to 129.70): BM004690.D (-551) (-)

Ion 127.00 (126.70 to 127.70): BM004690.D (-551) (-)





#9

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.28 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

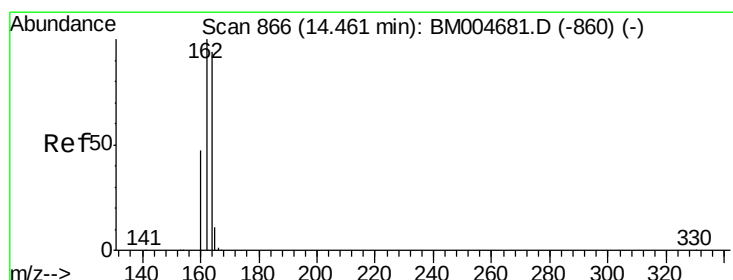
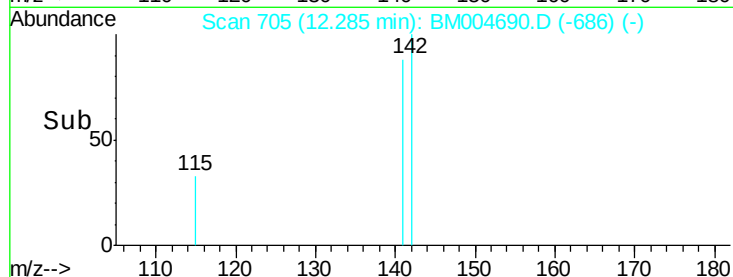
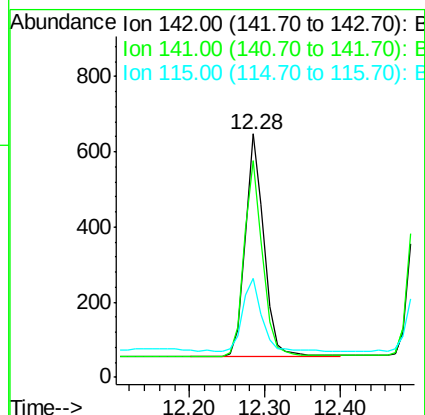
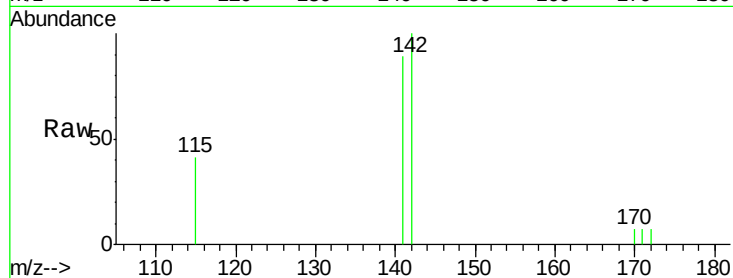
Tgt Ion:142 Resp: 1015

Ion Ratio Lower Upper

142 100

141 89.0 66.2 99.2

115 40.6 23.8 35.8#



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.47 min Scan# 866

Delta R.T. 0.01 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

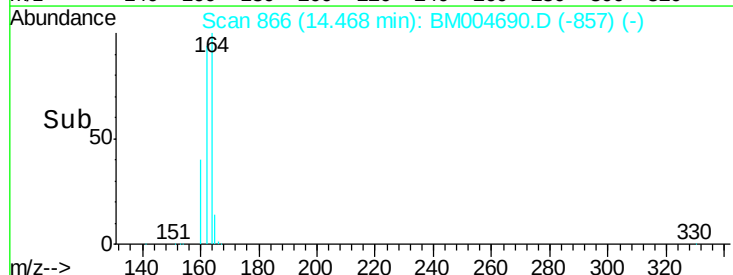
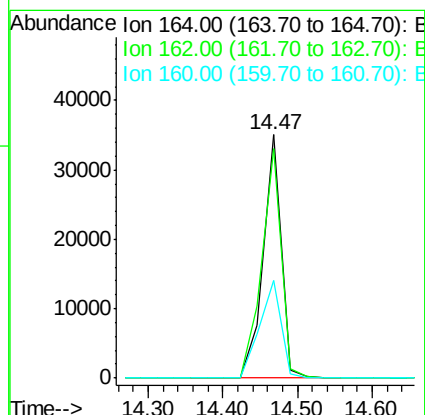
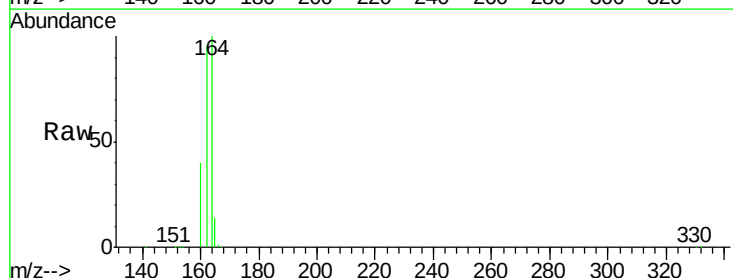
Tgt Ion:164 Resp: 58660

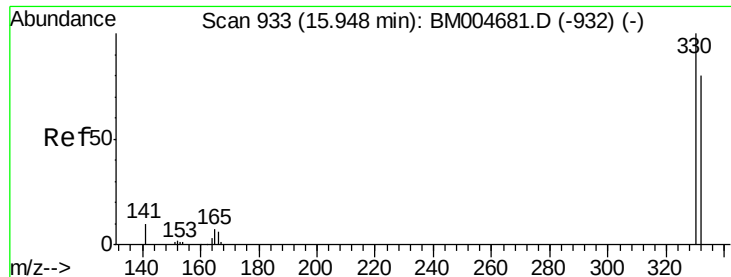
Ion Ratio Lower Upper

164 100

162 94.5 85.4 128.0

160 40.2 40.2 60.2

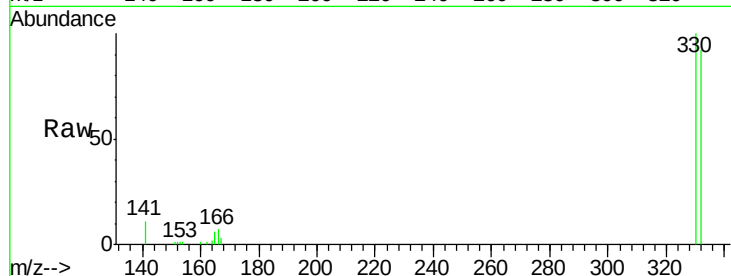




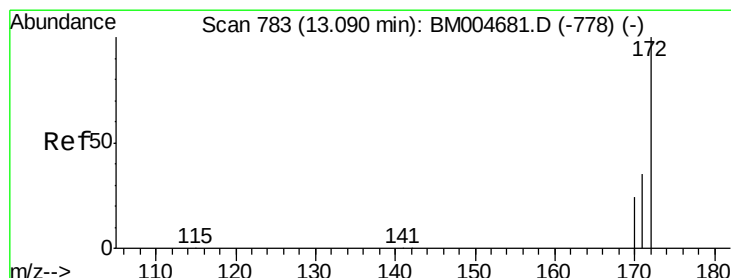
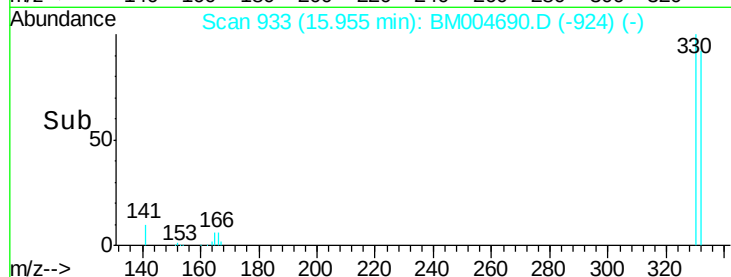
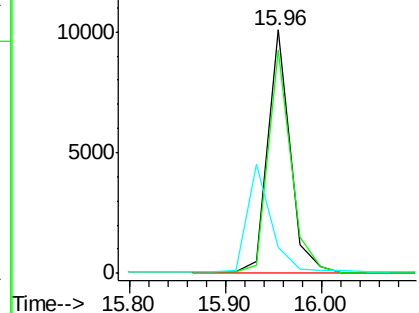
#11
 2,4,6-Tribromophenol
 Concen: 8.30 ng
 RT: 15.96 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: BM004690.D
 Acq: 18 Mar 2016 20:45

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-W

Tgt Ion:330 Resp: 16148
 Ion Ratio Lower Upper
 330 100
 332 93.7 93.9 140.9#
 141 0.0 42.2 63.2#

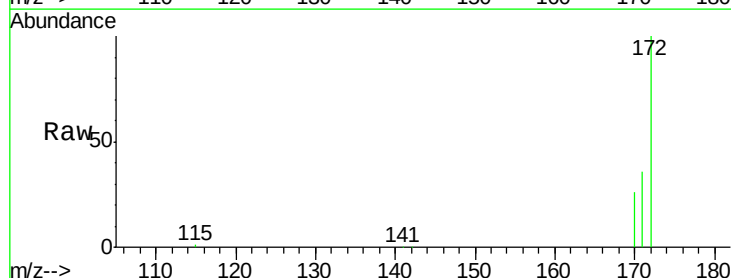


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

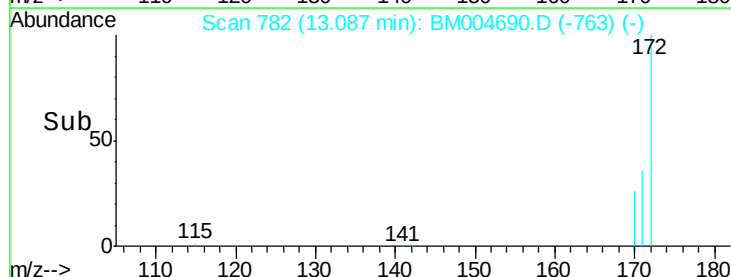
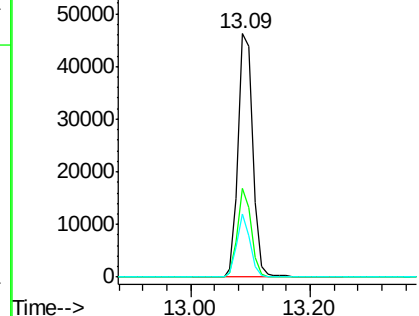


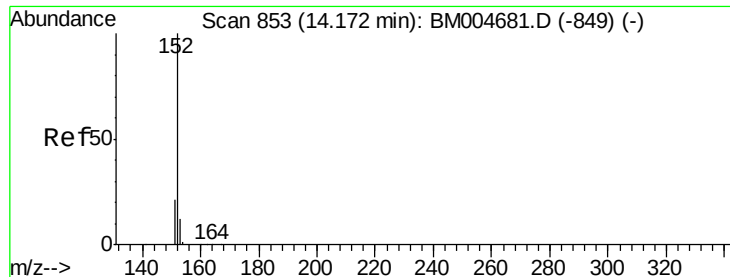
#12
 2-Fluorobiphenyl
 Concen: 4.65 ng
 RT: 13.09 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BM004690.D
 Acq: 18 Mar 2016 20:45

Tgt Ion:172 Resp: 77967
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.2 42.2
 170 25.8 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: 14.18 min Scan# 853

Delta R.T. 0.01 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampled :

MDL-01-W

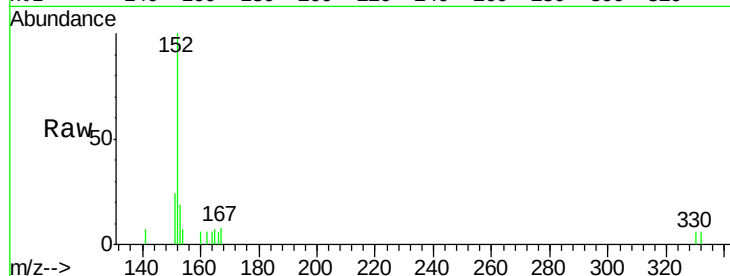
Tgt Ion:152 Resp: 1292

Ion Ratio Lower Upper

152 100

151 18.7 15.8 23.6

153 13.1 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

1000

800

600

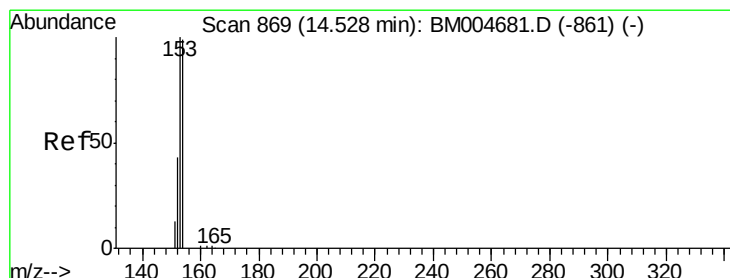
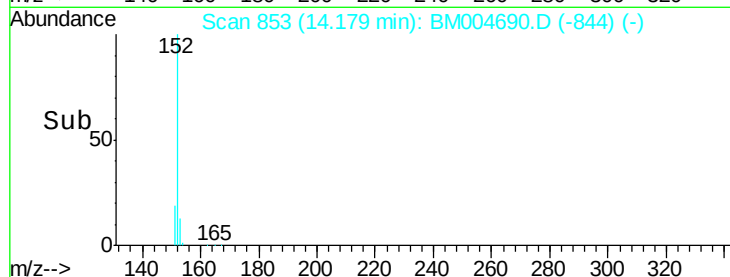
400

200

0

14.00 14.10 14.20 14.30

Time-->



#14

Acenaphthene

Concen: 0.06 ng

RT: 14.51 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

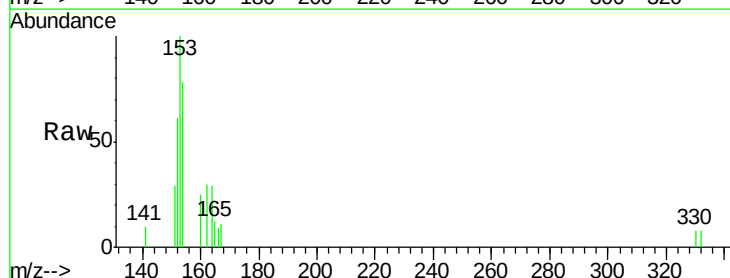
Tgt Ion:154 Resp: 1149

Ion Ratio Lower Upper

154 100

153 92.3 83.8 125.6

152 47.5 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

800

600

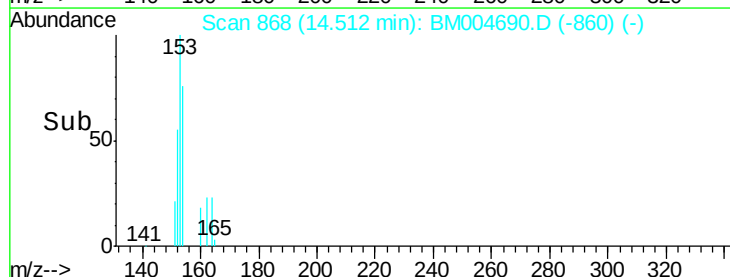
400

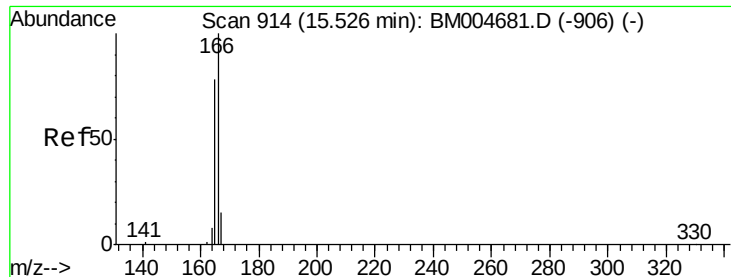
200

0

14.40 14.50 14.60

Time-->





#15

Fluorene

Concen: 0.05 ng

RT: 15.51 min Scan# 913

Delta R.T. -0.02 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

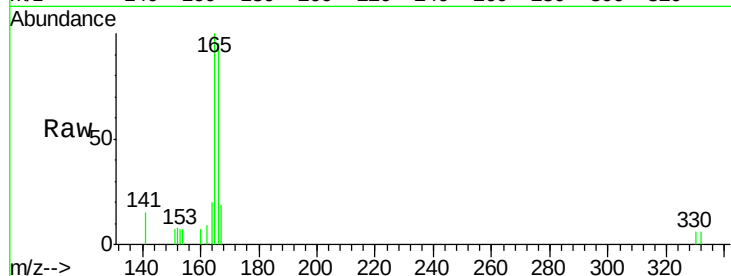
Tgt Ion:166 Resp: 1199

Ion Ratio Lower Upper

166 100

165 101.4 0.0 0.0#

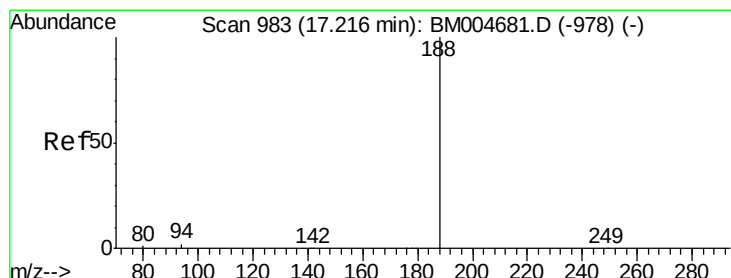
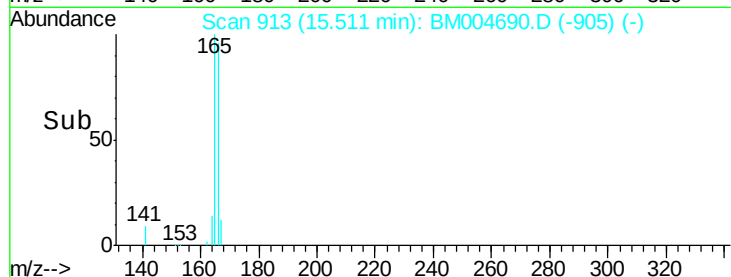
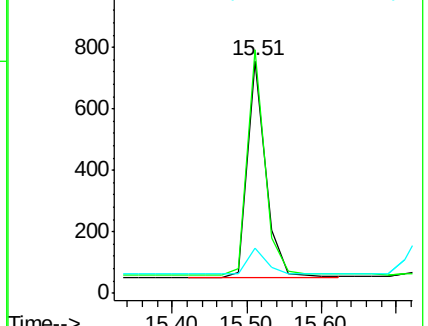
167 12.5 10.6 15.8



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: BM004690.D

Acq: 18 Mar 2016 20:45

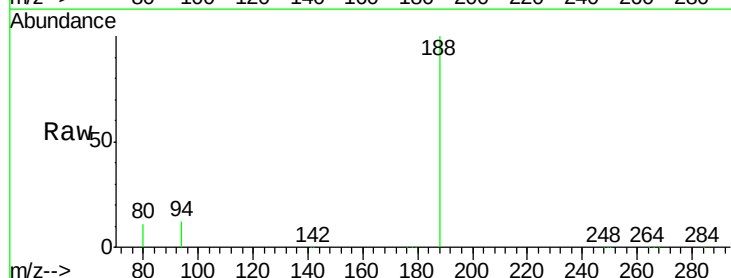
Tgt Ion:188 Resp: 128756

Ion Ratio Lower Upper

188 100

94 11.6 1.4 2.0#

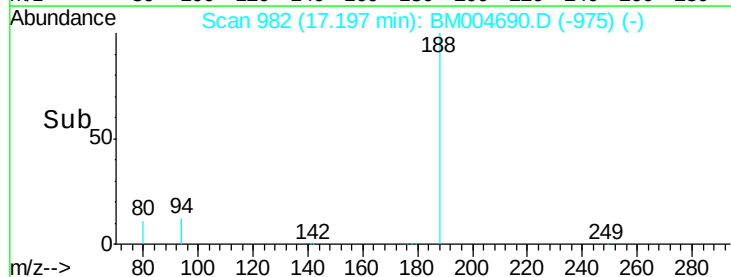
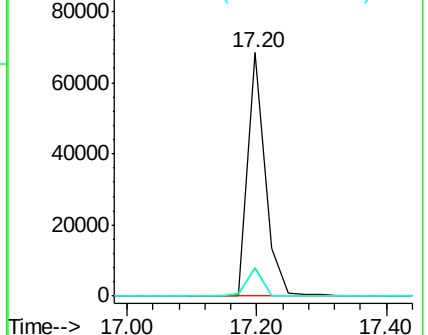
80 11.2 1.0 1.6#

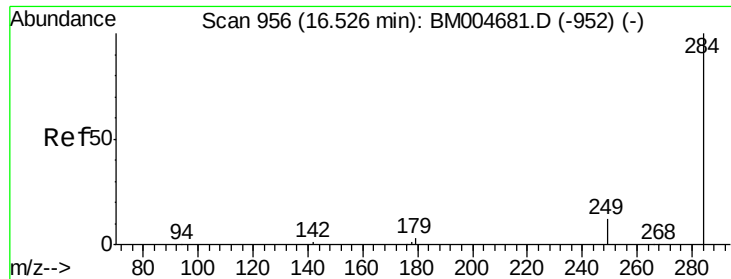


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

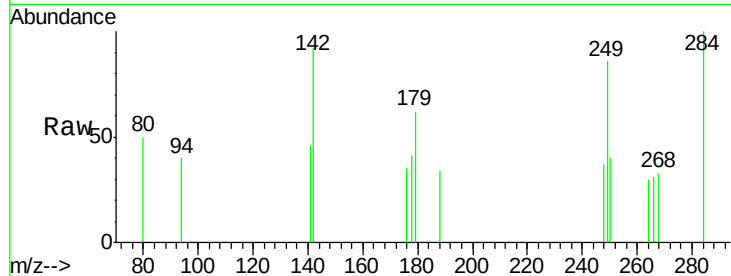




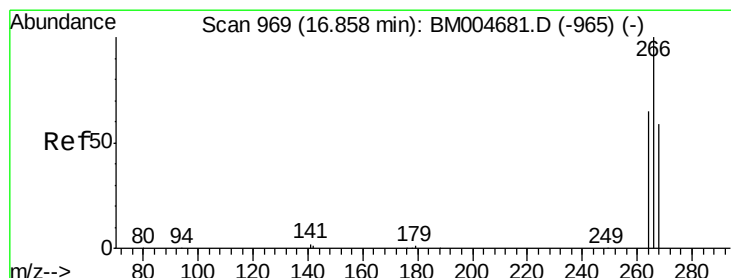
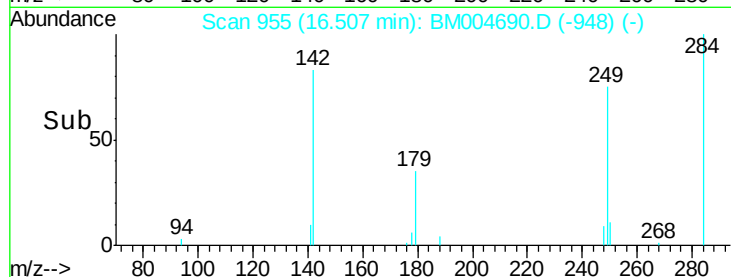
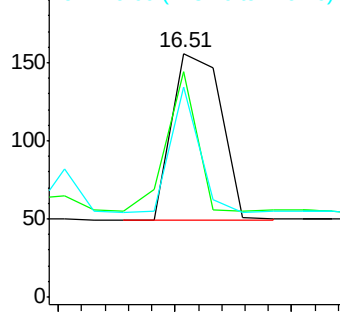
#17
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.51 min Scan# 955
Delta R.T. -0.02 min
Lab File: BM004690.D
Acq: 18 Mar 2016 20:45

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion: 284 Resp: 319
Ion Ratio Lower Upper
284 100
142 49.8 0.0 0.0#
249 43.3 0.0 0.0#

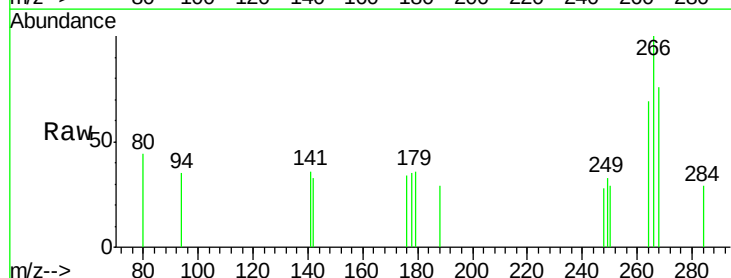


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

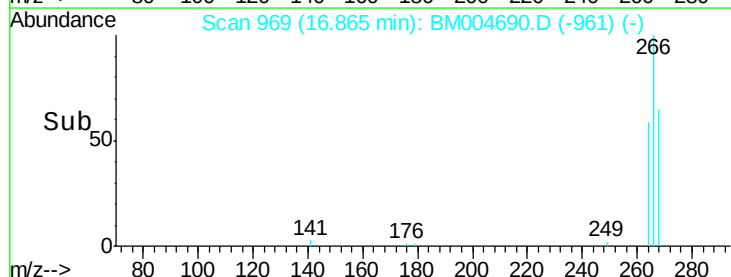
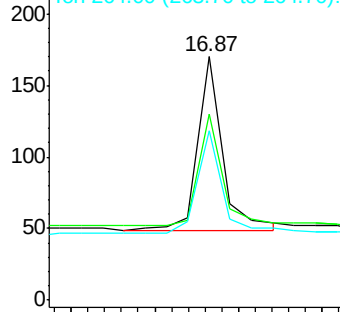


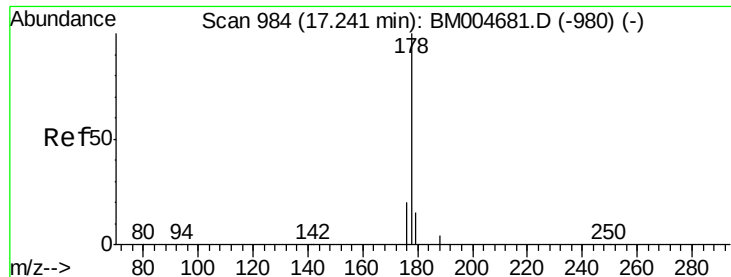
#18
Pentachlorophenol
Concen: 0.18 ng
RT: 16.87 min Scan# 969
Delta R.T. 0.01 min
Lab File: BM004690.D
Acq: 18 Mar 2016 20:45

Tgt Ion: 266 Resp: 250
Ion Ratio Lower Upper
266 100
268 76.5 49.1 73.7#
264 69.4 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

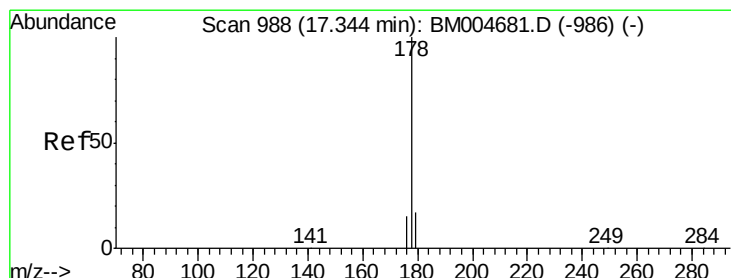
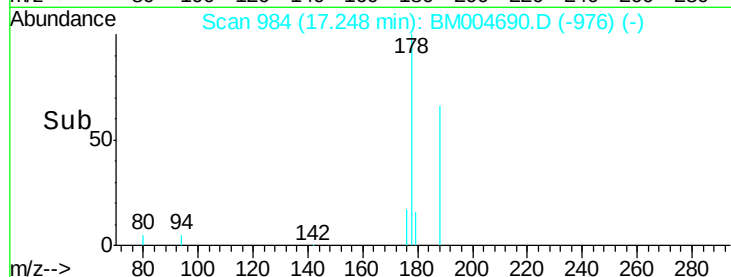
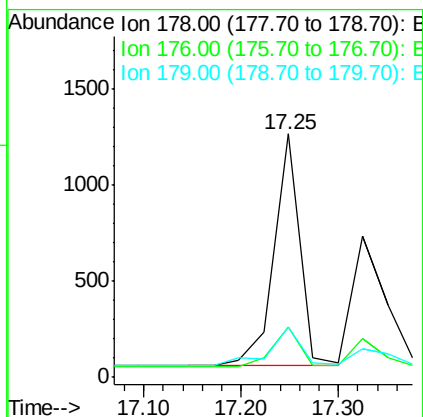
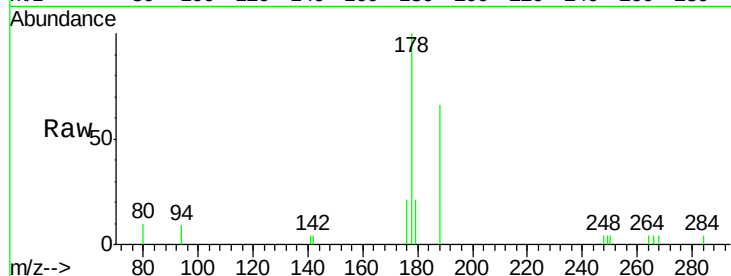




#19
Phenanthrene
Concen: 0.04 ng
RT: 17.25 min Scan# 984
Delta R.T. 0.01 min
Lab File: BM004690.D
Acq: 18 Mar 2016 20:45

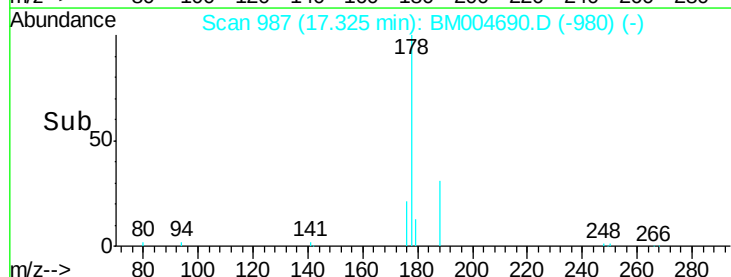
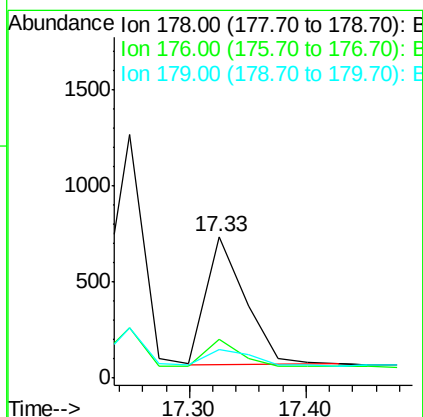
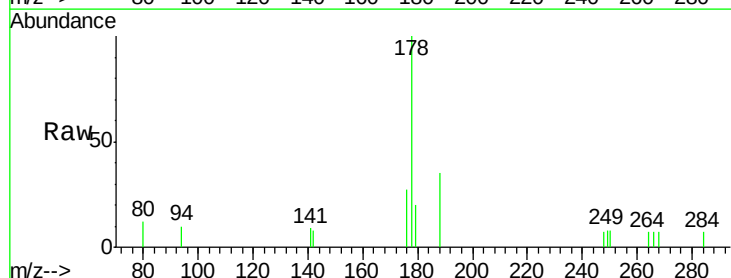
Instrument :
BNA_M
ClientSampleId :
MDL-01-W

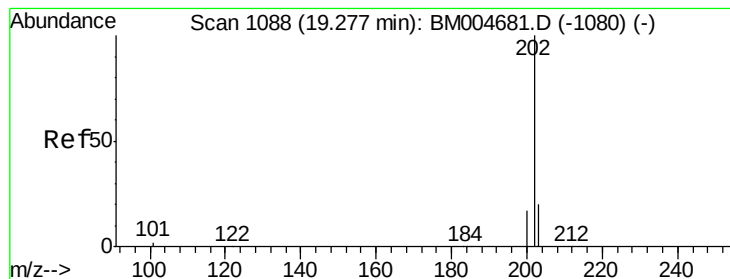
Tgt Ion:178 Resp: 2253
Ion Ratio Lower Upper
178 100
176 18.0 15.5 23.3
179 20.6 12.2 18.4#



#20
Anthracene
Concen: 0.04 ng
RT: 17.33 min Scan# 987
Delta R.T. -0.02 min
Lab File: BM004690.D
Acq: 18 Mar 2016 20:45

Tgt Ion:178 Resp: 1554
Ion Ratio Lower Upper
178 100
176 19.2 14.5 21.7
179 14.9 12.6 18.8





#21

Fluoranthene

Concen: 0.04 ng

RT: 19.27 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

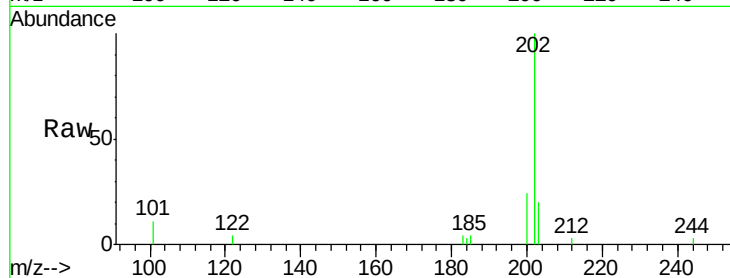
Tgt Ion: 202 Resp: 2178

Ion Ratio Lower Upper

202 100

101 10.4 8.7 13.1

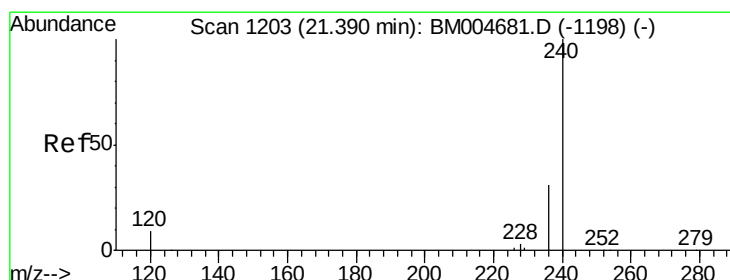
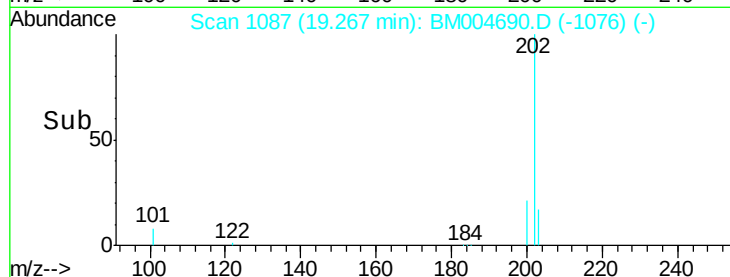
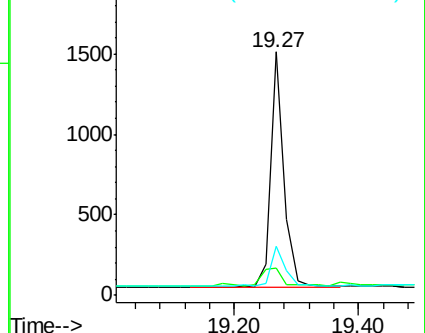
203 18.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.40 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

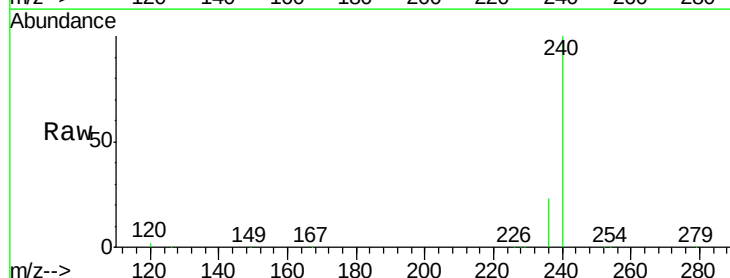
Tgt Ion: 240 Resp: 124432

Ion Ratio Lower Upper

240 100

120 1.5 7.4 11.2#

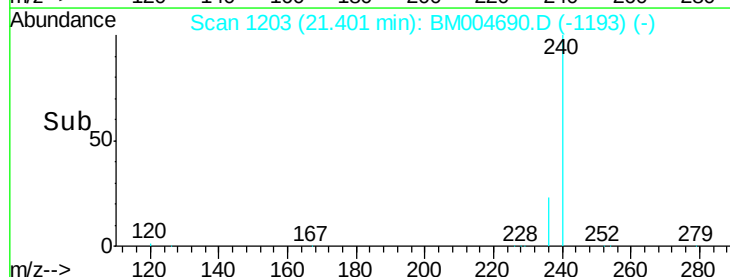
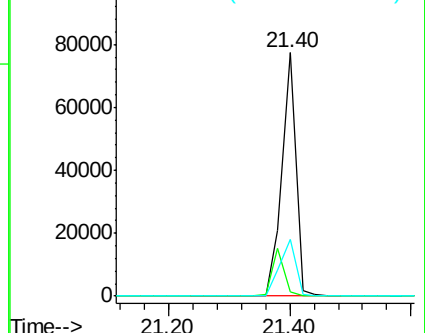
236 23.3 24.5 36.7#

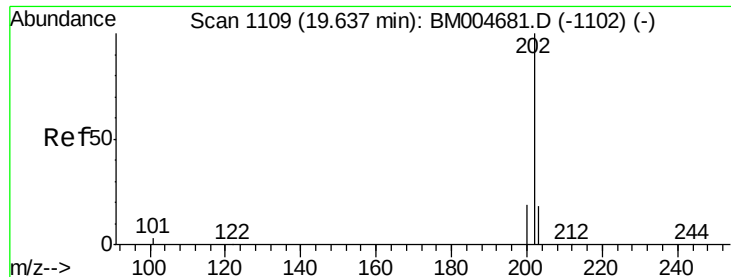


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

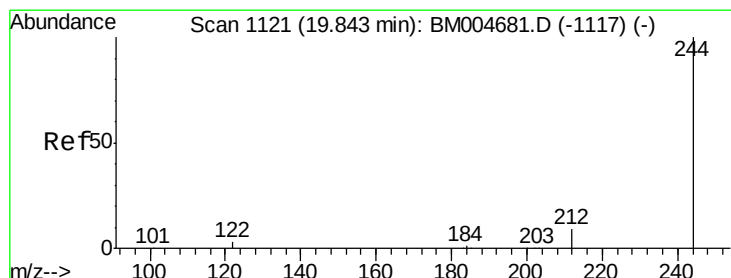
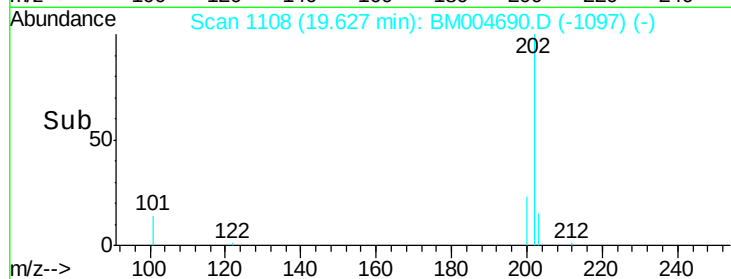
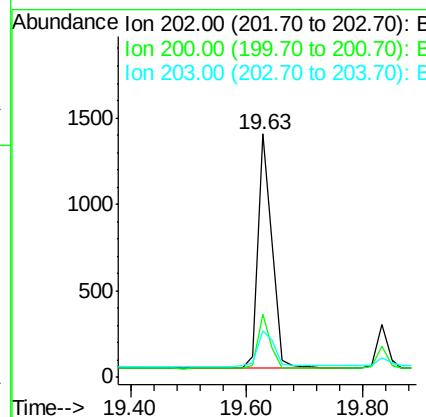
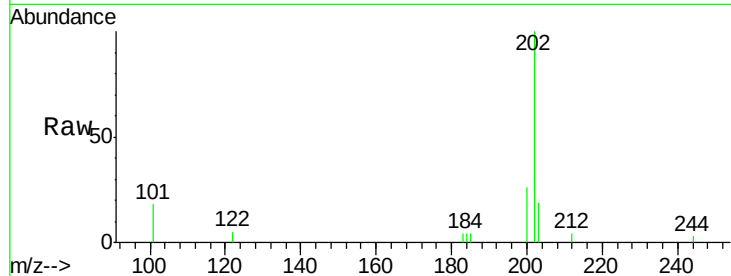




#23
Pyrene
Concen: 0.05 ng
RT: 19.63 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM004690.D
Acq: 18 Mar 2016 20:45

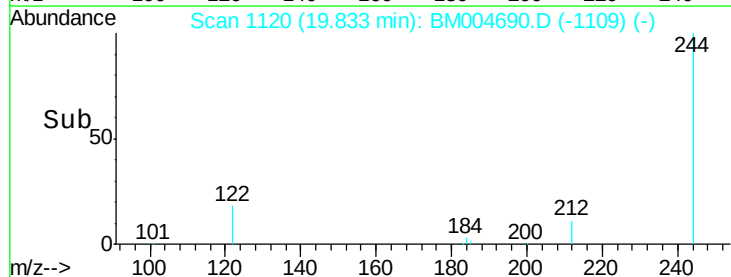
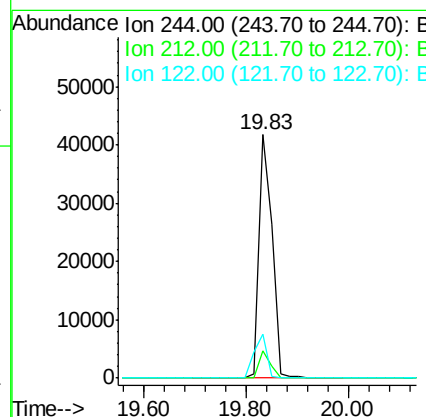
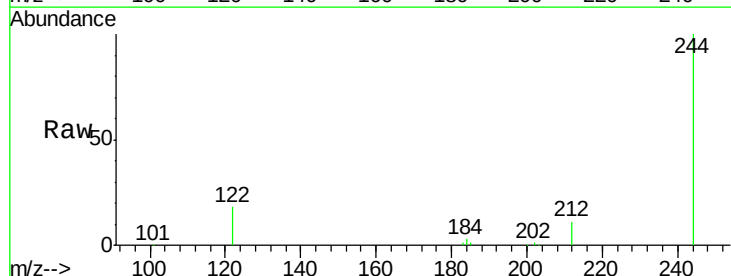
Instrument :
BNA_M
ClientSampleId :
MDL-01-W

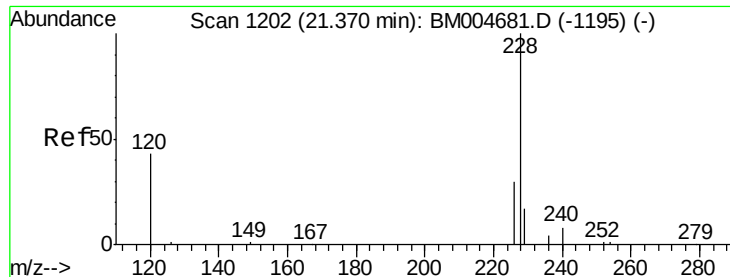
Tgt Ion: 202 Resp: 2333
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 19.8 13.9 20.9



#24
Terphenyl-d14
Concen: 4.60 ng
RT: 19.83 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM004690.D
Acq: 18 Mar 2016 20:45

Tgt Ion: 244 Resp: 72306
Ion Ratio Lower Upper
244 100
212 11.3 7.7 11.5
122 18.3 3.4 5.0#





#25

Benzo(a)anthracene

Concen: 0.10 ng

RT: 21.42 min Scan# 1204

Delta R.T. 0.05 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

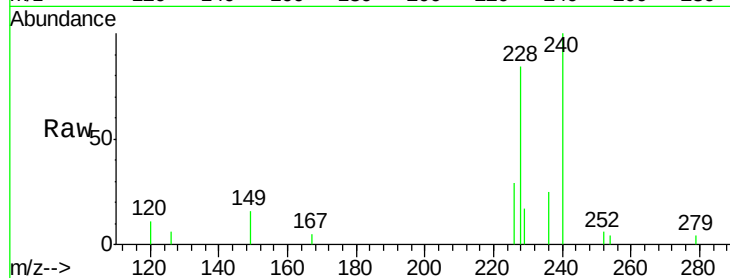
Tgt Ion:228 Resp: 4976

Ion Ratio Lower Upper

228 100

226 35.1 24.2 36.2

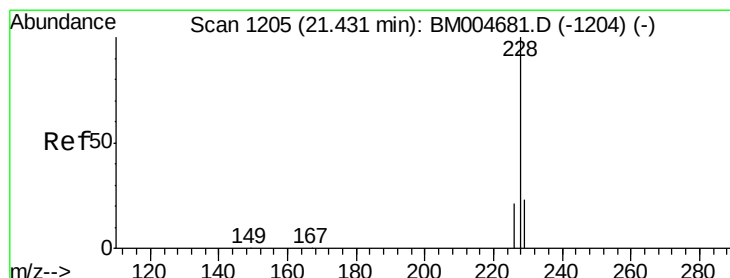
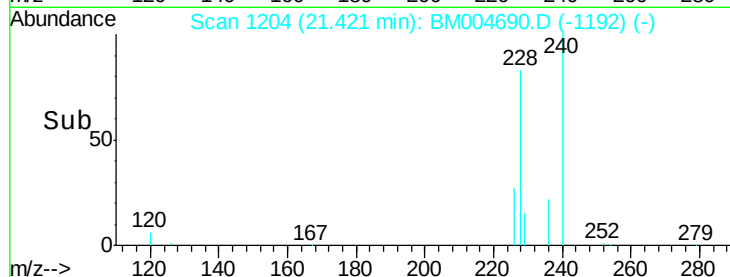
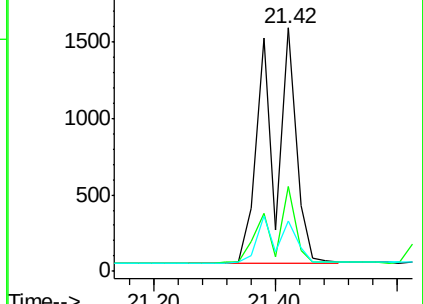
229 20.4 14.2 21.2



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: 0.13 ng

RT: 21.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

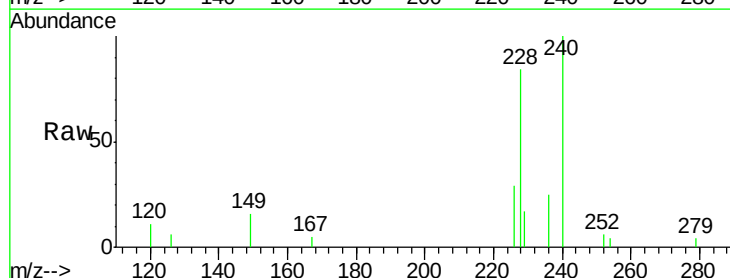
Tgt Ion:228 Resp: 4985

Ion Ratio Lower Upper

228 100

226 35.1 20.9 31.3#

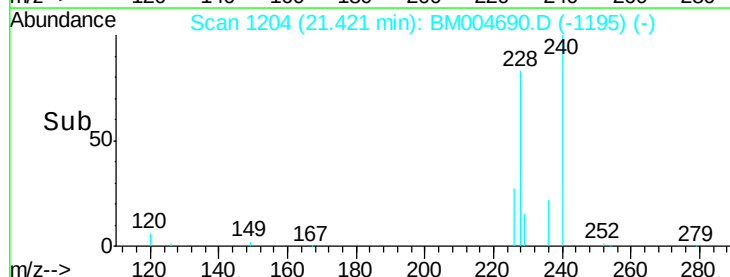
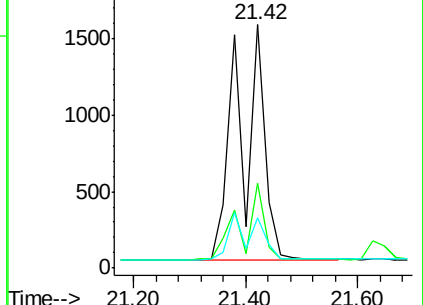
229 20.4 17.4 26.2

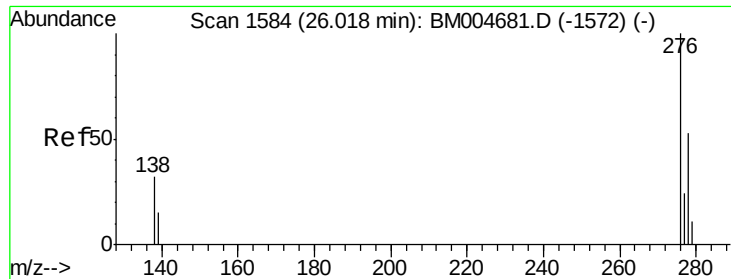


Abundance Ion 228.00 (227.70 to 228.70): E

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: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

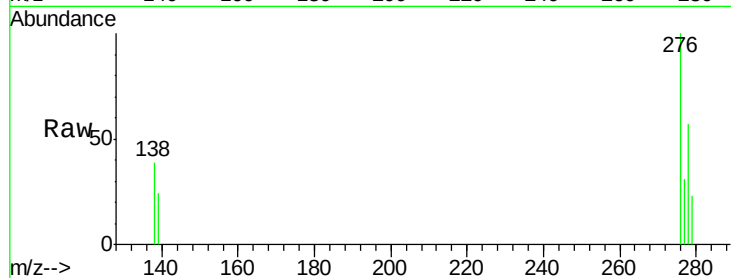
Tgt Ion:276 Resp: 2175

Ion Ratio Lower Upper

276 100

138 31.3 25.9 38.9

277 25.1 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

800

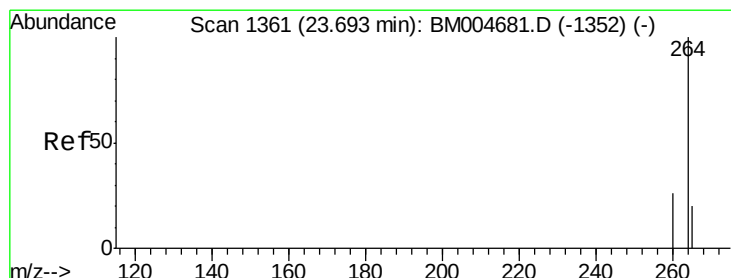
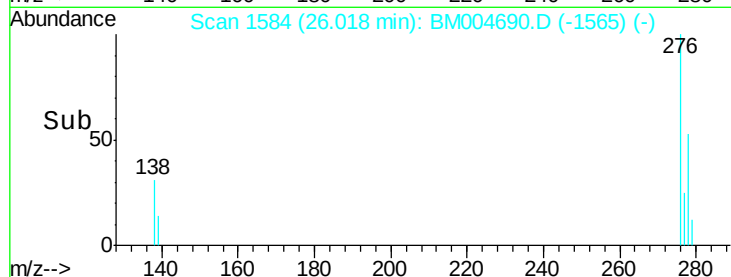
600

400

200

0

Time-->



#28

Perylene-d12

Concen: 5.00 ng

RT: 23.69 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

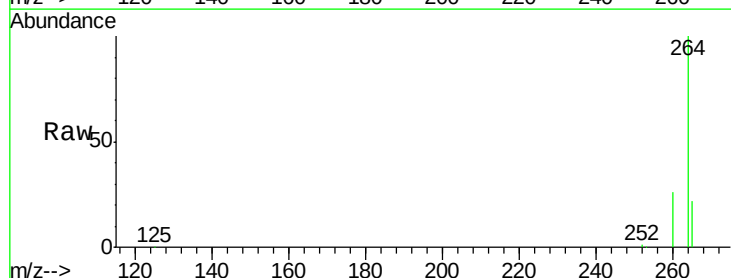
Tgt Ion:264 Resp: 114864

Ion Ratio Lower Upper

264 100

260 25.7 21.0 31.4

265 22.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.69

80000

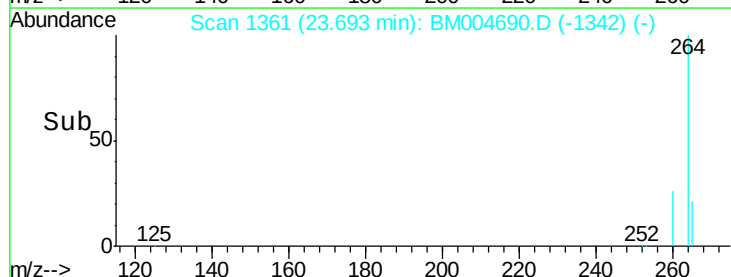
60000

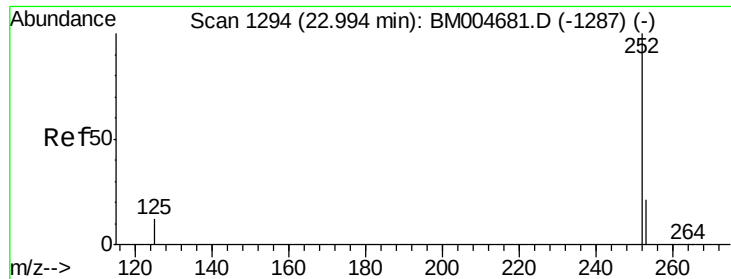
40000

20000

0

Time-->





#29

Benzo(b)fluoranthene

Concen: 0.05 ng

RT: 22.99 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

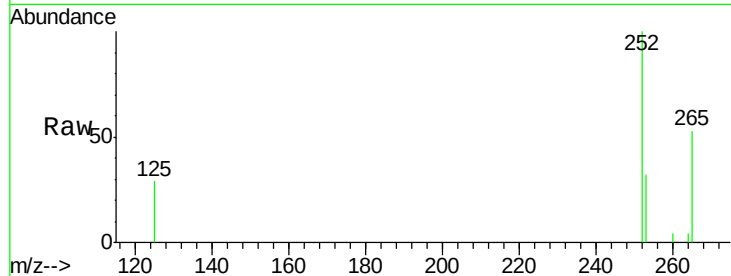
Tgt Ion:252 Resp: 2207

Ion Ratio Lower Upper

252 100

253 32.3 17.9 26.9#

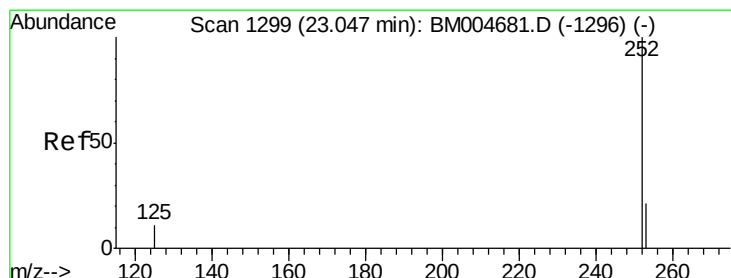
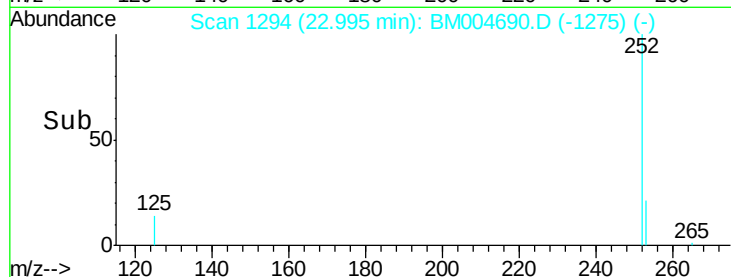
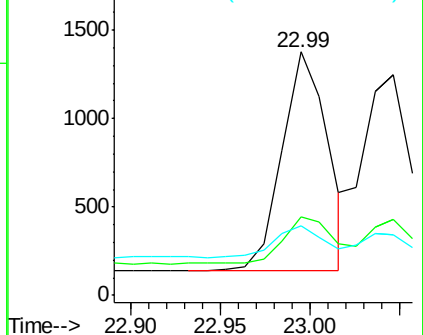
125 28.7 11.4 17.0#



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: BM004690.D

Acq: 18 Mar 2016 20:45

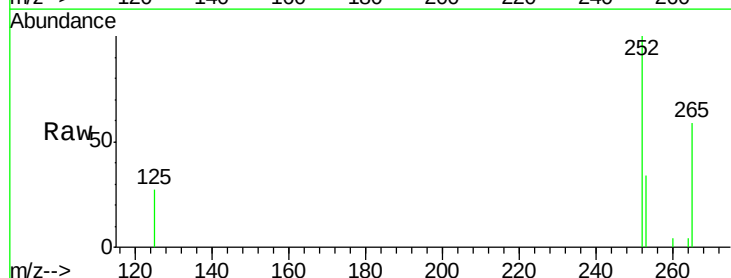
Tgt Ion:252 Resp: 2213

Ion Ratio Lower Upper

252 100

253 34.2 19.3 28.9#

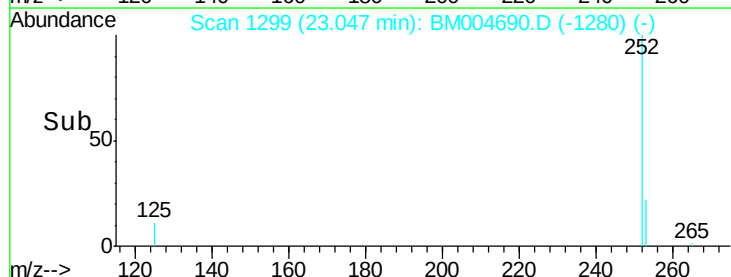
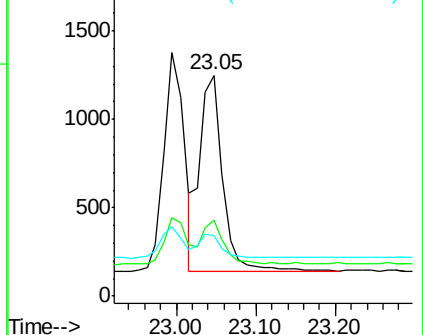
125 27.3 10.6 15.8#

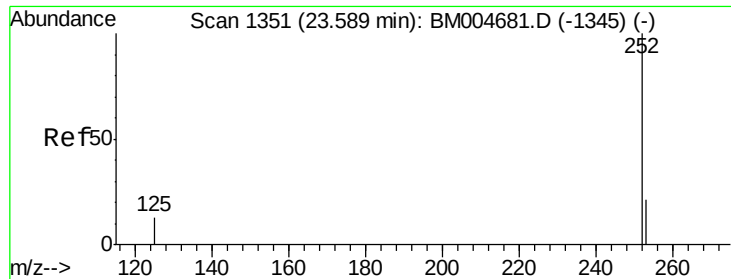


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.59 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BM004690.D

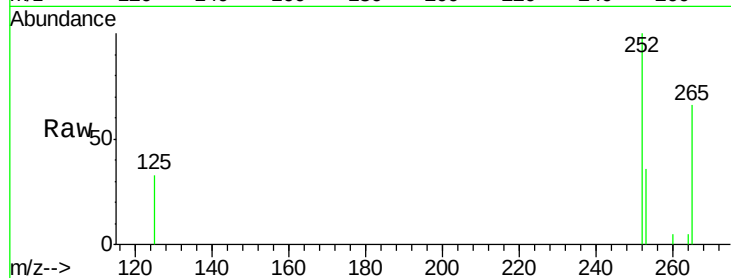
Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W



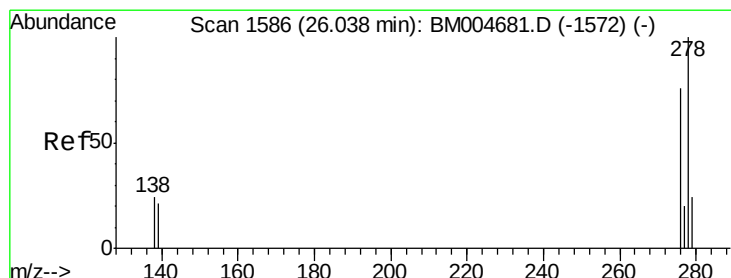
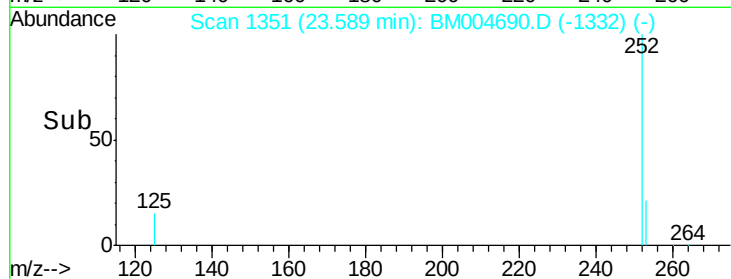
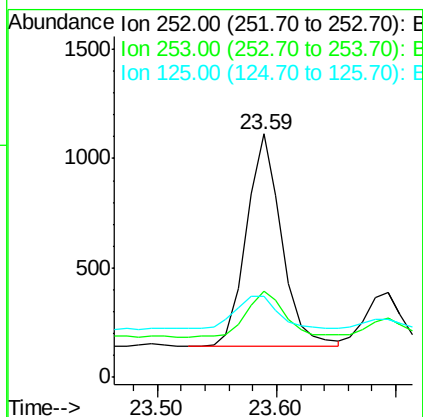
Tgt Ion: 252 Resp: 1967

Ion Ratio Lower Upper

252 100

253 35.6 18.6 28.0#

125 33.1 12.3 18.5#



#32

Dibenzo(a,h)anthracene

Concen: 0.05 ng

RT: 26.04 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BM004690.D

Acq: 18 Mar 2016 20:45

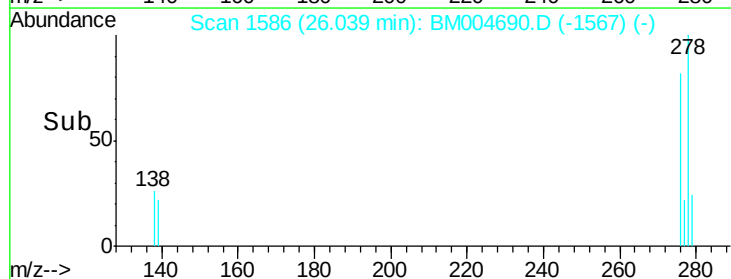
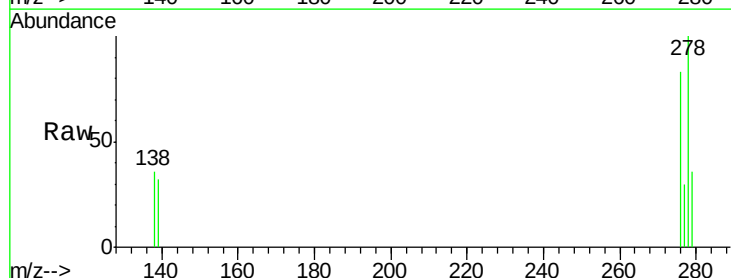
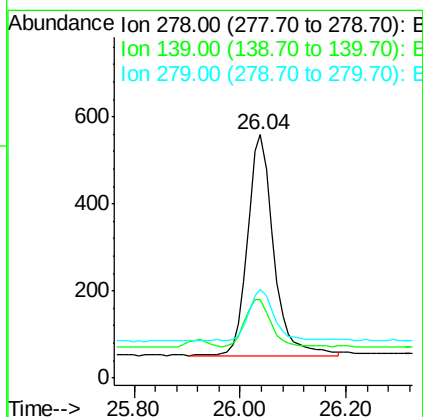
Tgt Ion: 278 Resp: 1723

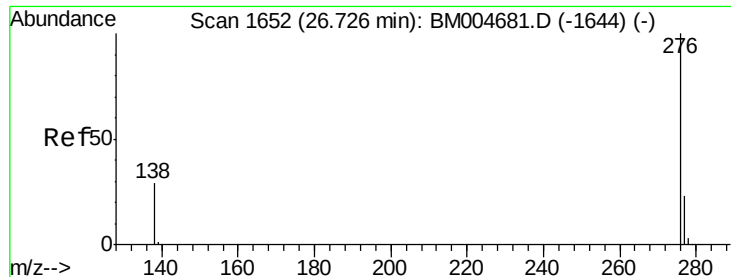
Ion Ratio Lower Upper

278 100

139 32.2 17.6 26.4#

279 36.5 19.9 29.9#





#33

Benzo(g,h,i)perylene

Concen: 0.05 ng

RT: 26.73 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BM004690.D

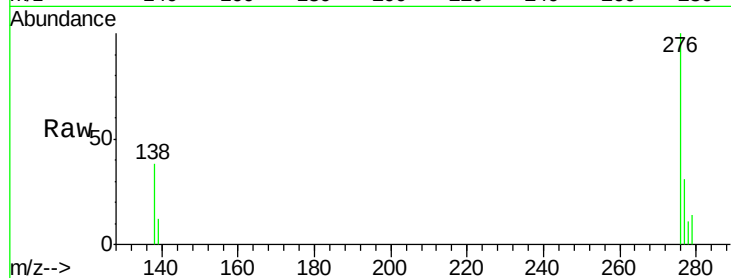
Acq: 18 Mar 2016 20:45

Instrument :

BNA_M

ClientSampleId :

MDL-01-W



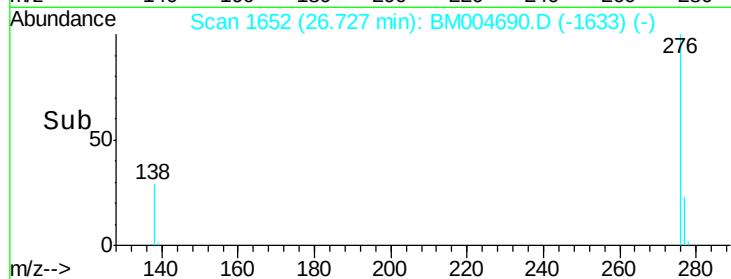
Tgt Ion: 276 Resp: 1936

Ion Ratio Lower Upper

276 100

277 30.5 19.1 28.7#

138 37.7 24.5 36.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

