

Data Path : Z:\HPCHEM1\BNA_M\Data\BM090415\
 Data File : BM002670.D
 Acq On : 04 Sep 2015 12:27
 Operator : UM/IZ
 Sample : MDL-BL-S
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BL-S

Quant Time: Sep 04 13:37:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 04:35:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7670	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	28380	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	11456	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	21035	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	19566	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	19498	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	13.17	152	17055	0.45	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	25021	0.52	ng/ul	-0.01

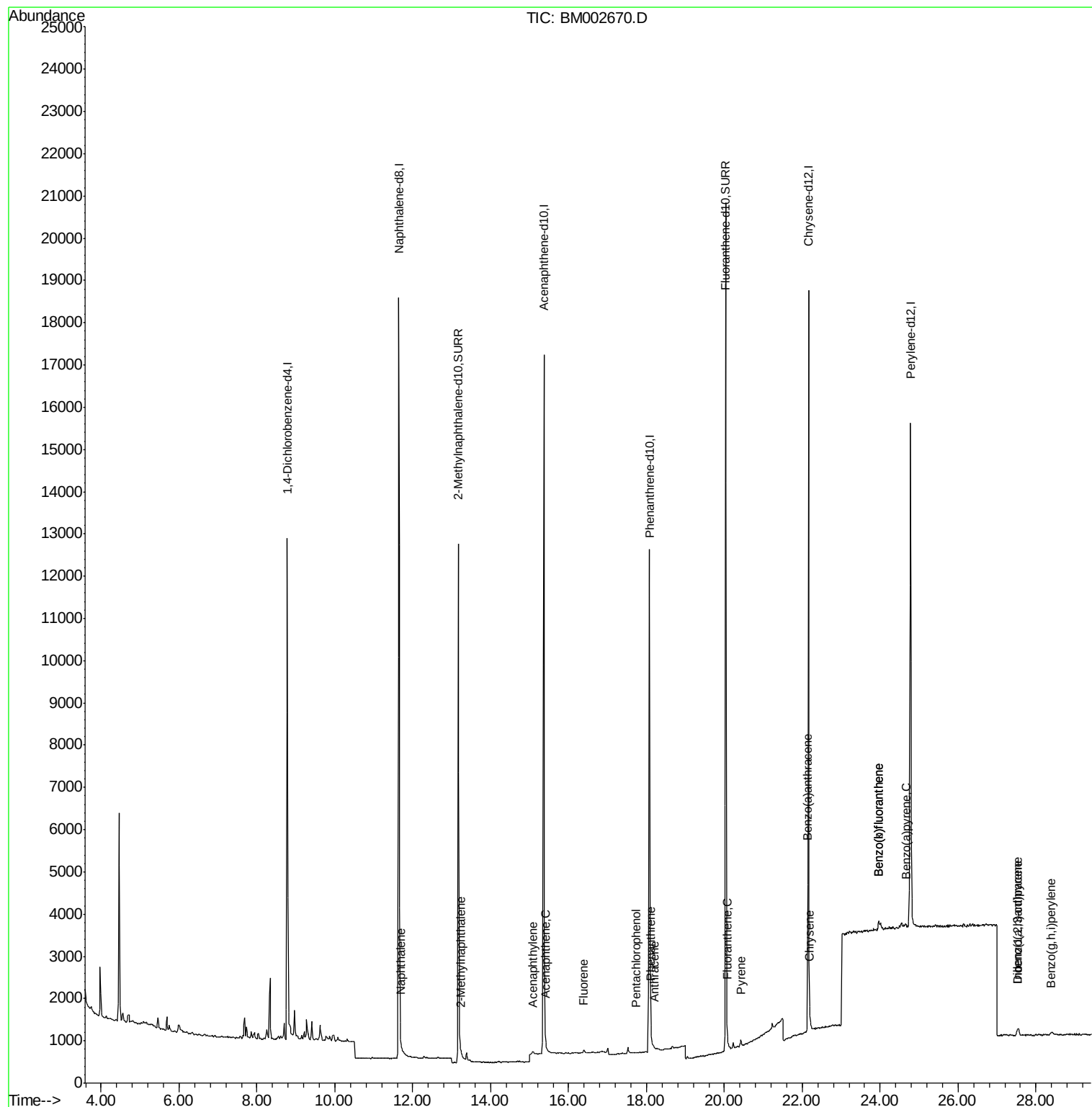
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	11.69	128	82	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.25	142	2314	0.05	ng/ul#	68
9) Acenaphthylene	15.09	152	162	0.00	ng/ul#	1
10) Acenaphthene	15.42	153	30	0.00	ng/ul#	65
11) Fluorene	16.39	166	100	0.00	ng/ul#	54
13) Pentachlorophenol	17.74	266	19	0.01	ng/ul#	63
14) Phenanthrene	18.11	178	170	0.00	ng/ul#	1
15) Anthracene	18.20	178	111	0.00	ng/ul#	1
17) Fluoranthene	20.07	202	221	0.00	ng/ul#	1
19) Pyrene	20.42	202	205	0.00	ng/ul#	1
20) Benzo(a)anthracene	22.14	228	276	0.00	ng/ul#	1
21) Chrysene	22.19	228	258	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	23.96	252	637	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	23.96	252	632	0.01	ng/ul#	1
25) Benzo(a)pyrene	24.66	252	220	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.54	276	246	0.00	ng/ul#	58
27) Dibenzo(a,h)anthracene	27.54	278	225	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	28.39	276	205	0.00	ng/ul#	1

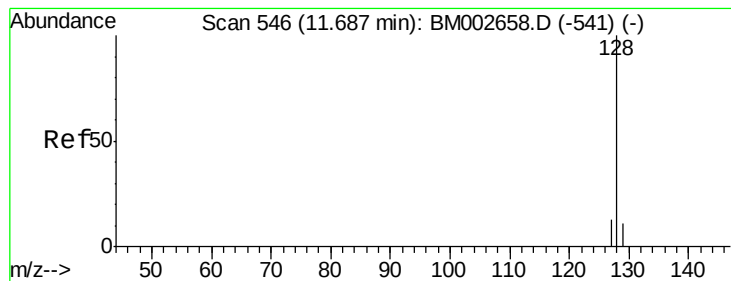
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 04 13:37:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 04:35:12 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.00 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

Instrument :

BNA_M

ClientSampleId :

MDL-BL-S

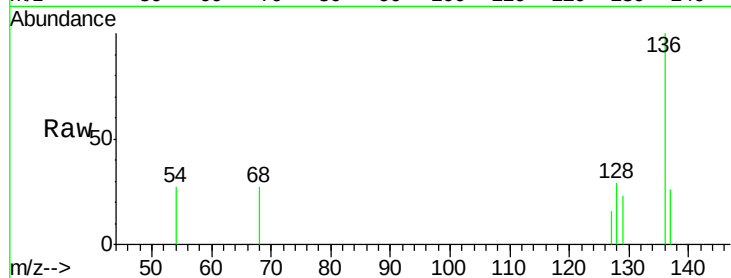
Tgt Ion:128 Resp: 82

Ion Ratio Lower Upper

128 100

129 80.2 9.8 14.8#

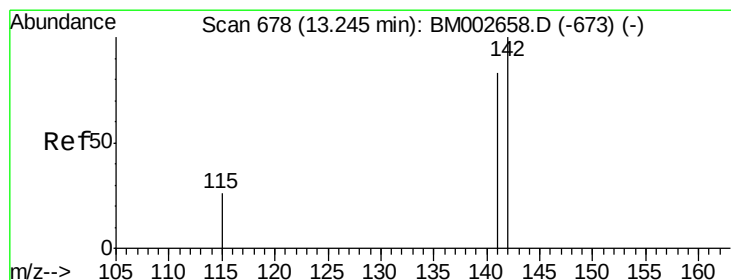
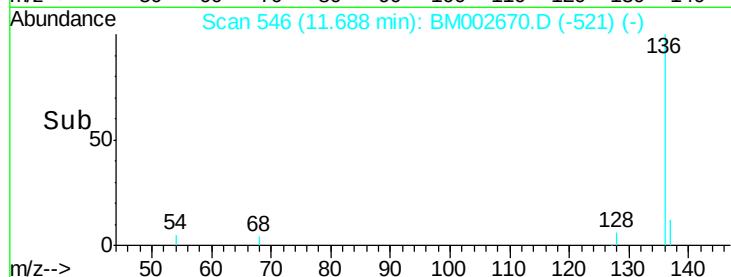
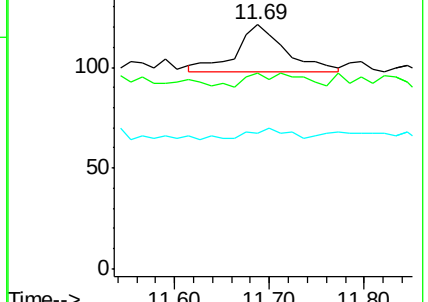
127 55.4 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 13.25 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM002670.D

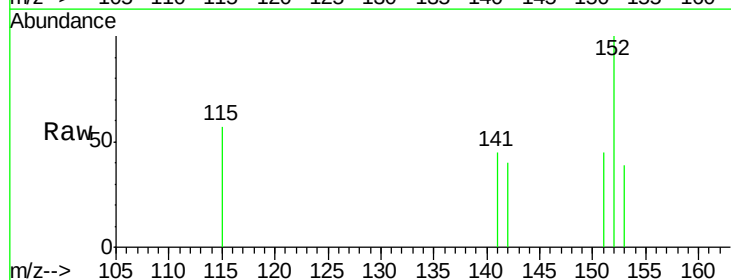
Acq: 04 Sep 2015 12:27

Tgt Ion:142 Resp: 2314

Ion Ratio Lower Upper

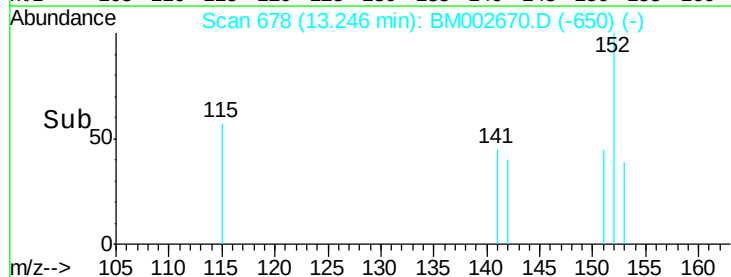
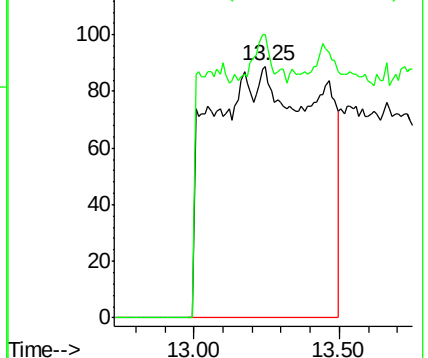
142 100

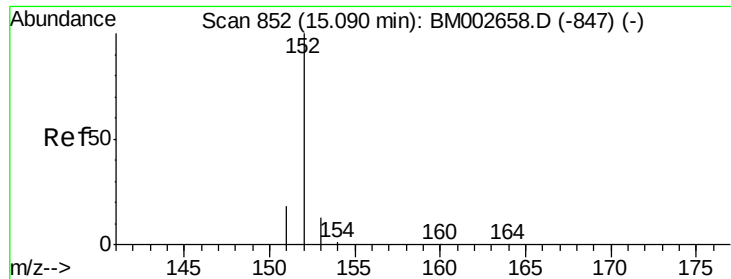
141 117.8 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

Instrument :

BNA_M

ClientSampleId :

MDL-BL-S

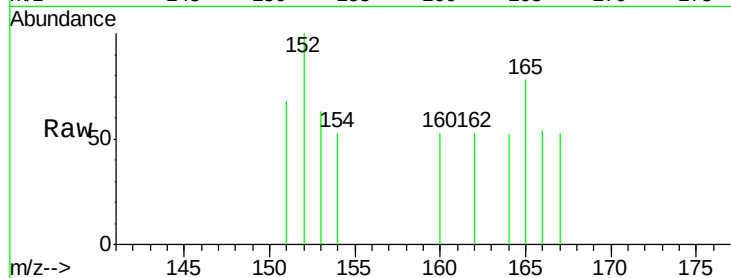
Tgt Ion:152 Resp: 162

Ion Ratio Lower Upper

152 100

151 67.8 16.8 25.2#

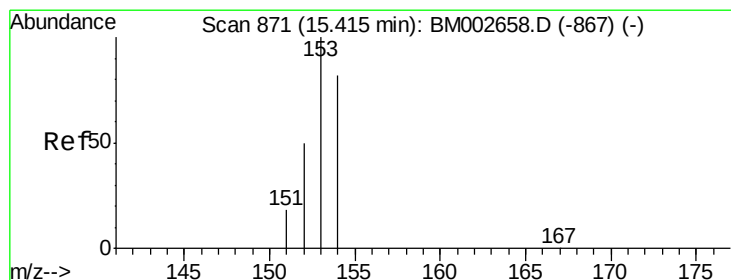
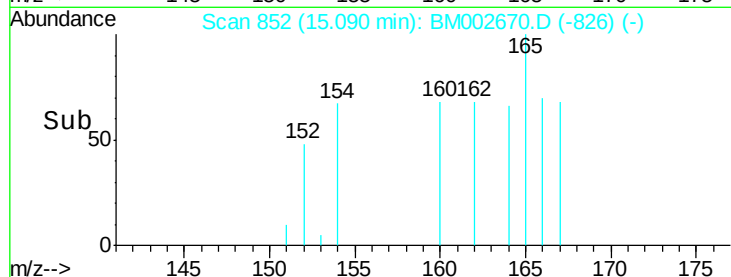
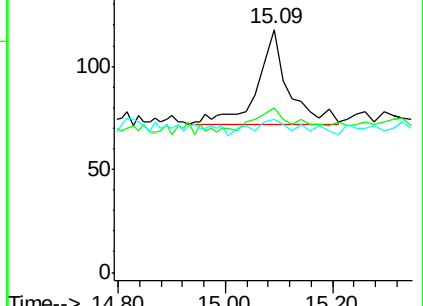
153 62.7 11.3 16.9#



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



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

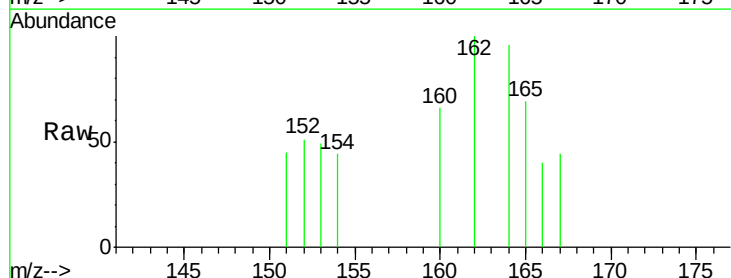
Tgt Ion:153 Resp: 30

Ion Ratio Lower Upper

153 100

152 103.9 42.3 63.5#

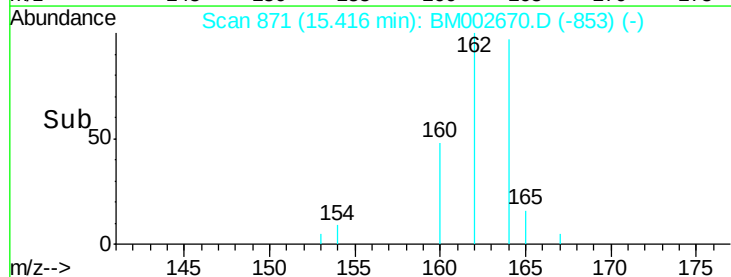
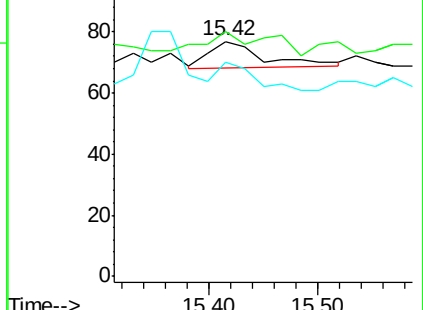
154 90.9 64.7 97.1

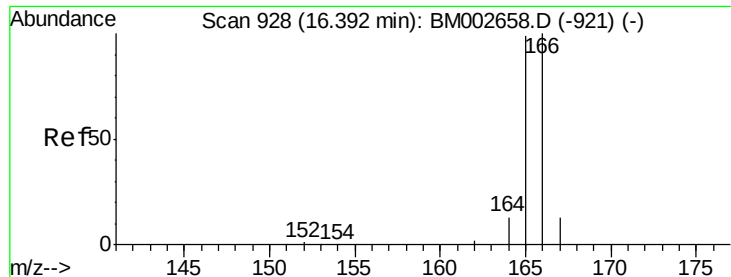


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

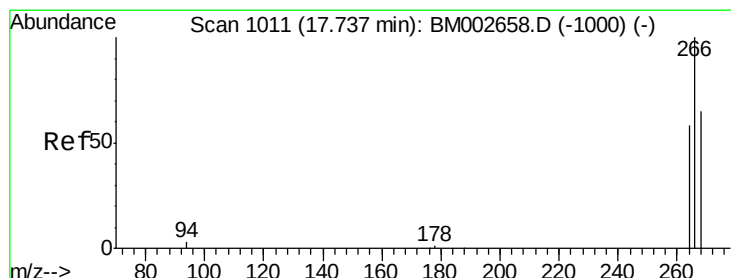
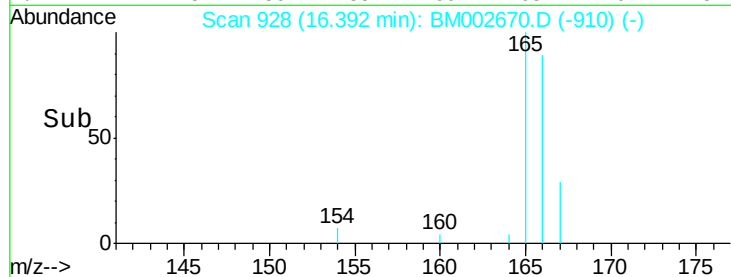
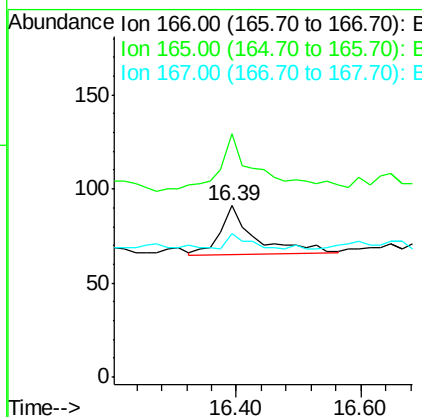
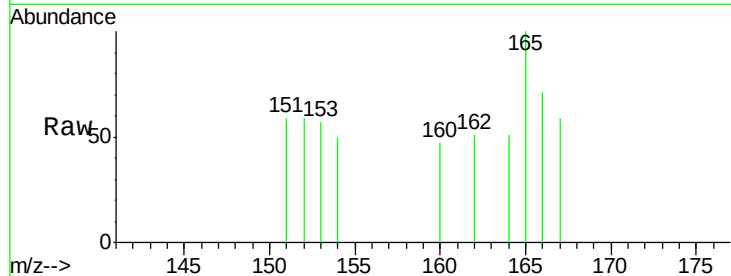




#11
 Fluorene
 Concen: 0.00 ng/ul
 RT: 16.39 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM002670.D
 Acq: 04 Sep 2015 12:27

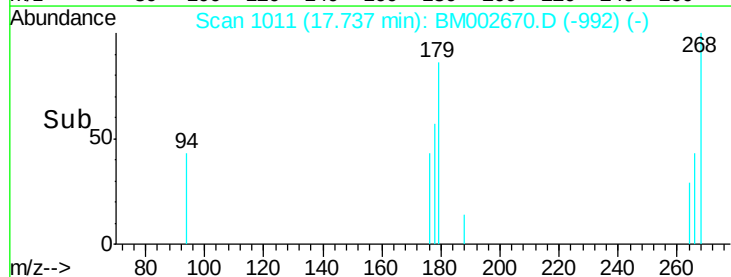
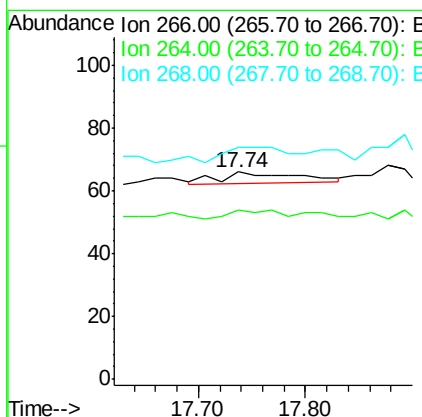
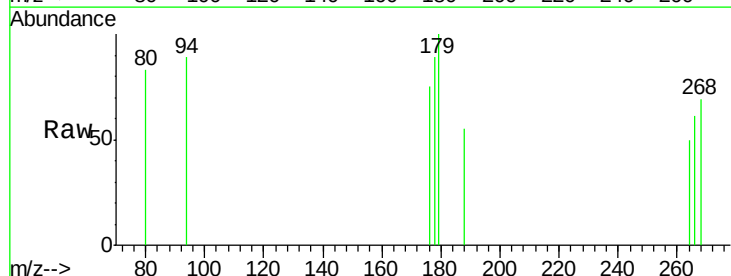
Instrument :
 BNA_M
 ClientSampleId :
 MDL-BL-S

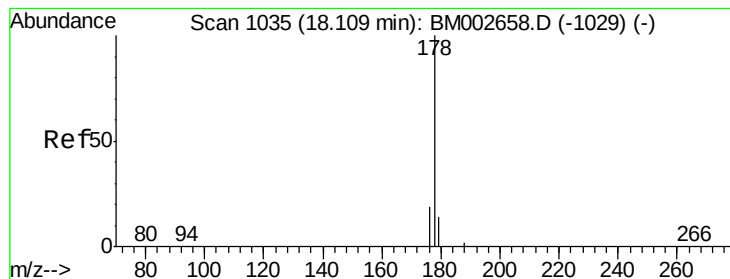
Tgt Ion:166 Resp: 100
 Ion Ratio Lower Upper
 166 100
 165 141.8 87.6 131.4#
 167 83.5 11.1 16.7#



#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 17.74 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BM002670.D
 Acq: 04 Sep 2015 12:27

Tgt Ion:266 Resp: 19
 Ion Ratio Lower Upper
 266 100
 264 78.9 53.5 80.3
 268 115.8 54.2 81.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 18.11 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

Instrument :

BNA_M

ClientSampleId :

MDL-BL-S

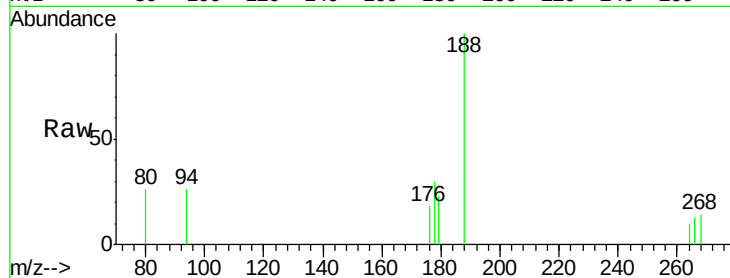
Tgt Ion:178 Resp: 170

Ion Ratio Lower Upper

178 100

176 60.8 16.2 24.4#

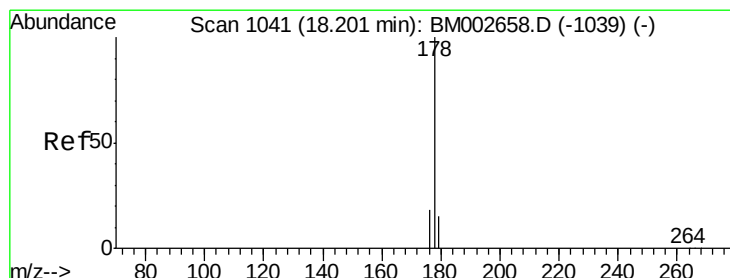
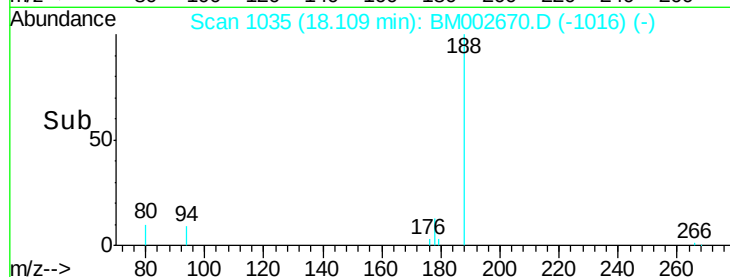
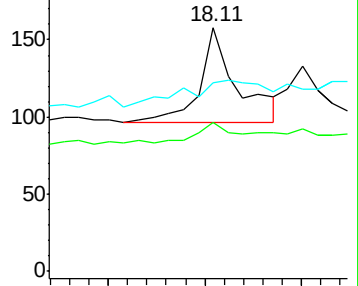
179 77.2 12.8 19.2#



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



#15

Anthracene

Concen: 0.00 ng/ul

RT: 18.20 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

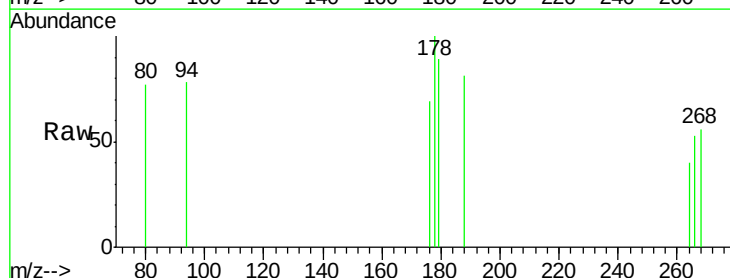
Tgt Ion:178 Resp: 111

Ion Ratio Lower Upper

178 100

176 69.2 15.8 23.8#

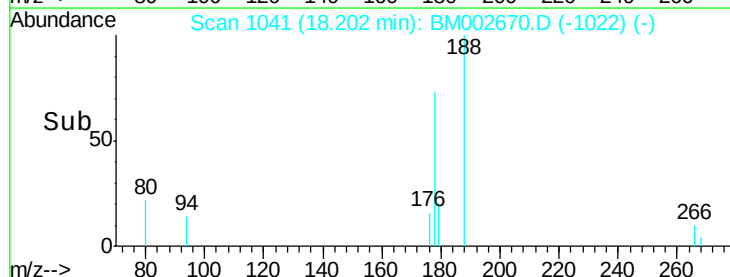
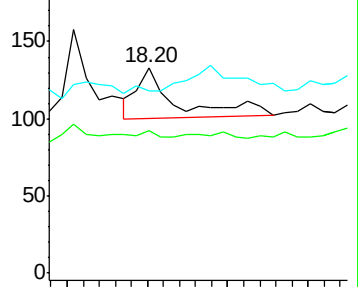
179 88.7 13.3 19.9#

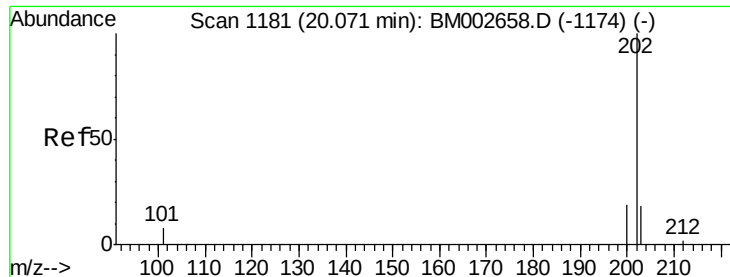


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

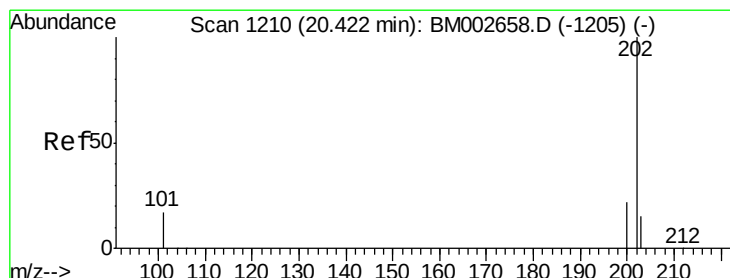
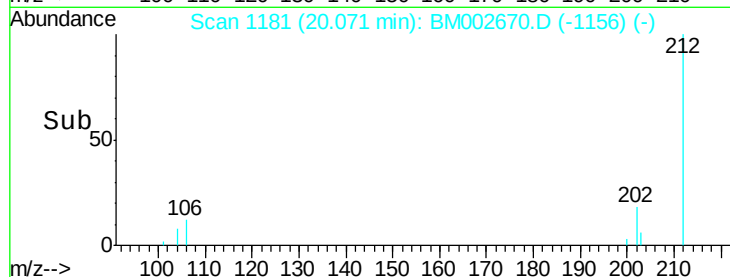
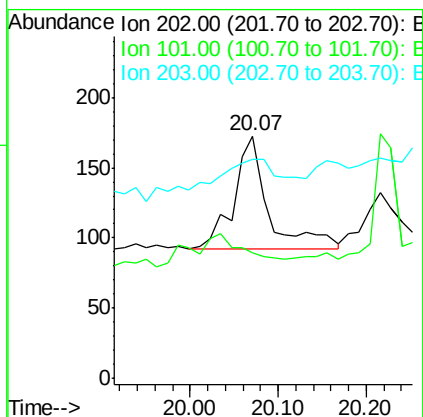
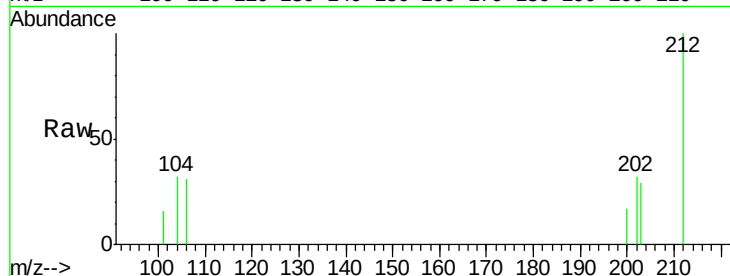




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 20.07 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BM002670.D
Acq: 04 Sep 2015 12:27

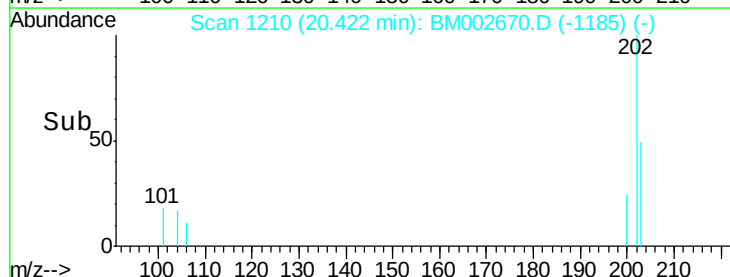
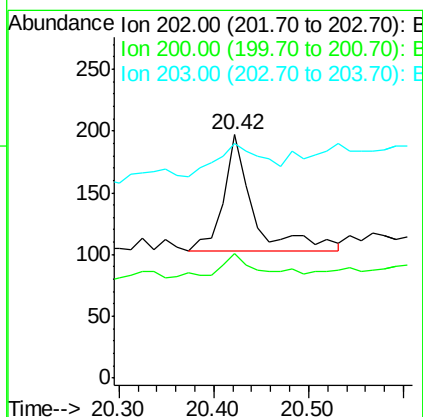
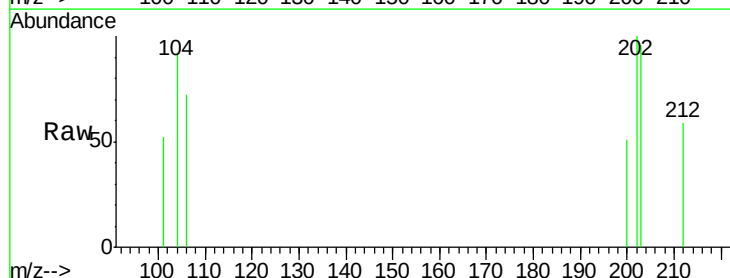
Instrument :
BNA_M
ClientSampleId :
MDL-BL-S

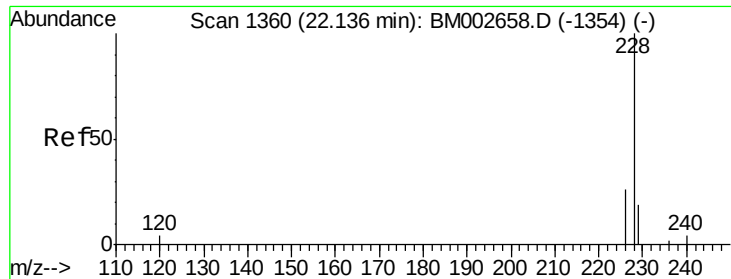
Tgt Ion: 202 Resp: 221
Ion Ratio Lower Upper
202 100
101 51.4 0.0 33.1#
203 90.2 0.0 37.2#



#19
Pyrene
Concen: 0.00 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM002670.D
Acq: 04 Sep 2015 12:27

Tgt Ion: 202 Resp: 205
Ion Ratio Lower Upper
202 100
200 51.3 18.0 27.0#
203 96.4 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 22.14 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

Instrument :

BNA_M

ClientSampleId :

MDL-BL-S

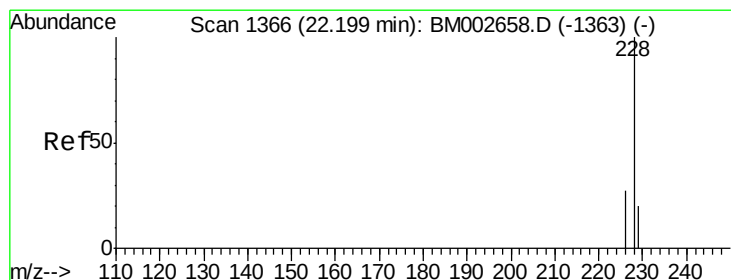
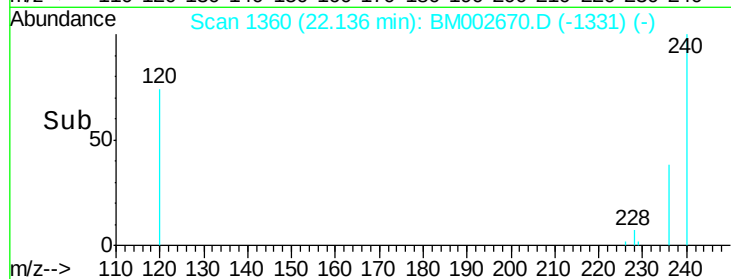
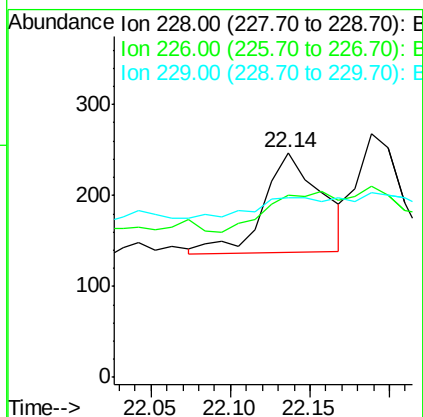
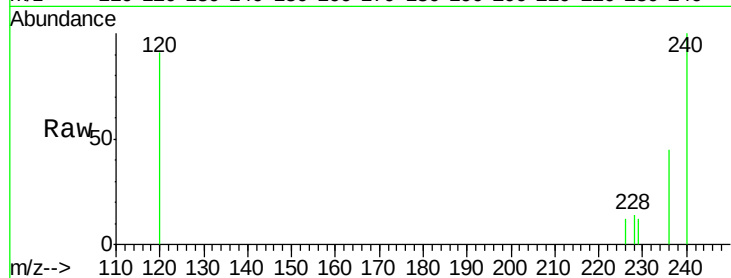
Tgt Ion:228 Resp: 276

Ion Ratio Lower Upper

228 100

226 81.0 23.0 34.4#

229 80.2 15.2 22.8#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 22.19 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

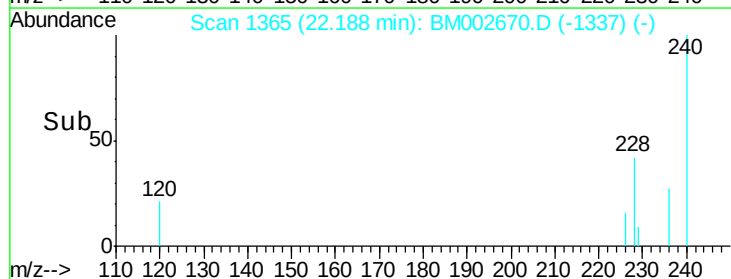
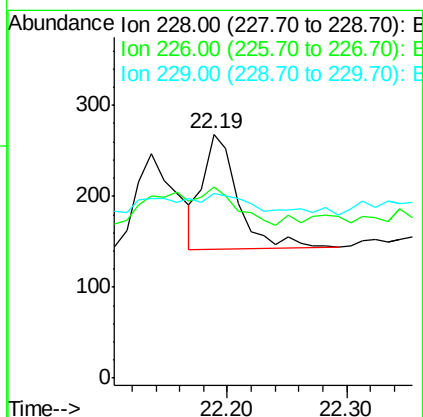
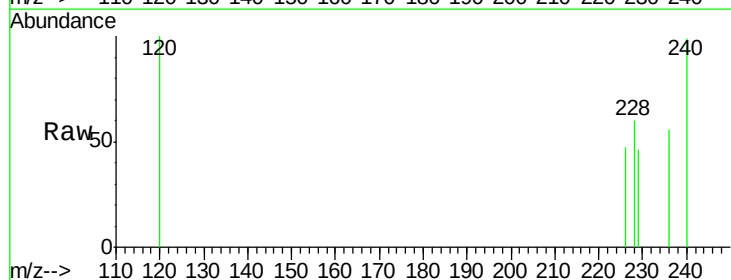
Tgt Ion:228 Resp: 258

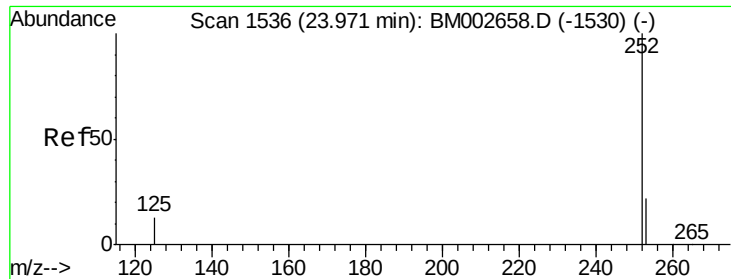
Ion Ratio Lower Upper

228 100

226 78.4 25.7 38.5#

229 75.7 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

Instrument :

BNA_M

ClientSampleId :

MDL-BL-S

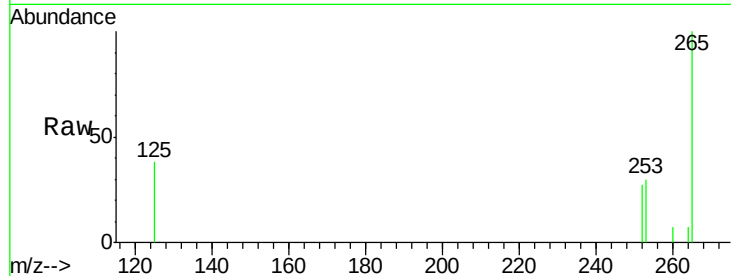
Tgt Ion:252 Resp: 637

Ion Ratio Lower Upper

252 100

253 109.2 0.0 48.0#

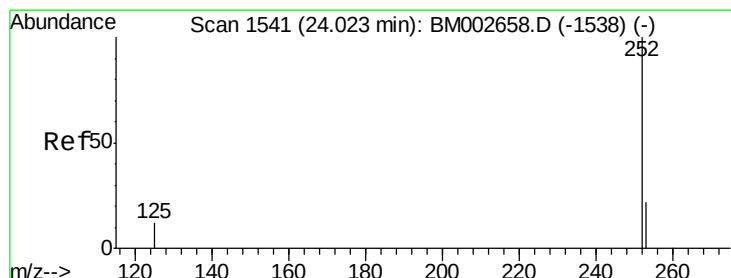
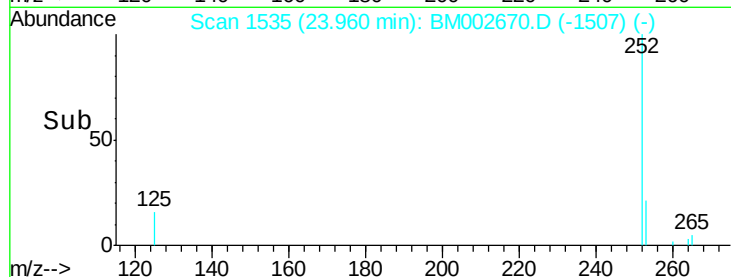
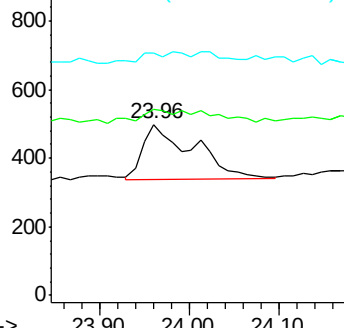
125 141.6 0.0 36.6#



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



#24

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. -0.06 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

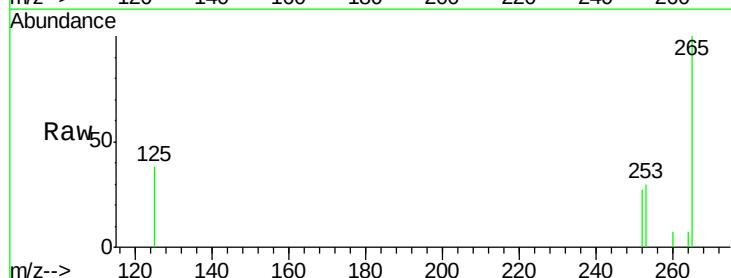
Tgt Ion:252 Resp: 632

Ion Ratio Lower Upper

252 100

253 109.2 20.8 31.2#

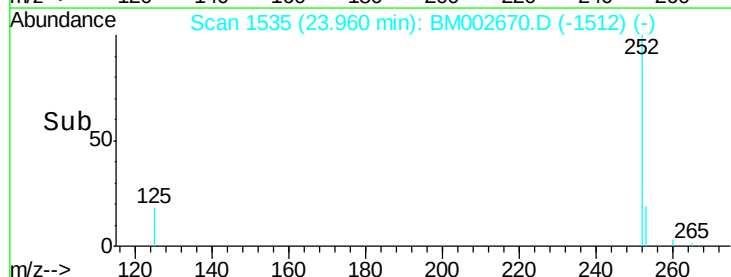
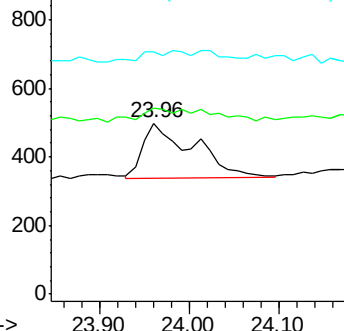
125 141.6 12.2 18.4#

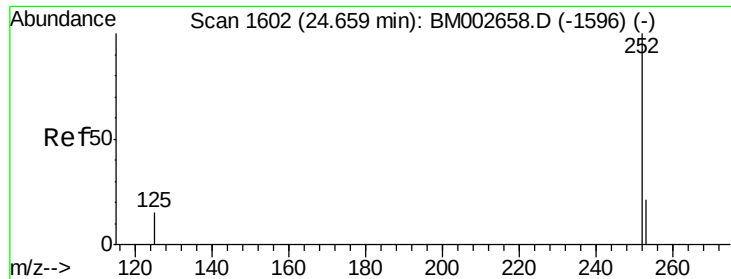


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 24.66 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

Instrument :

BNA_M

ClientSampleId :

MDL-BL-S

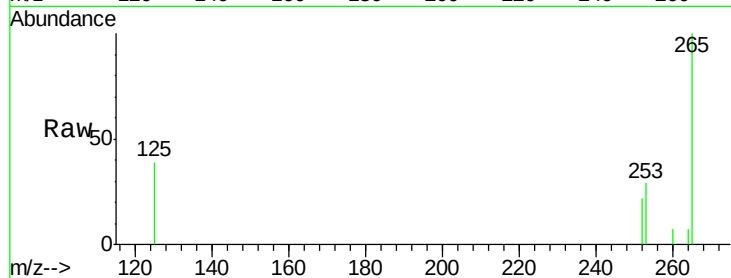
Tgt Ion:252 Resp: 220

Ion Ratio Lower Upper

252 100

253 132.8 21.8 32.8#

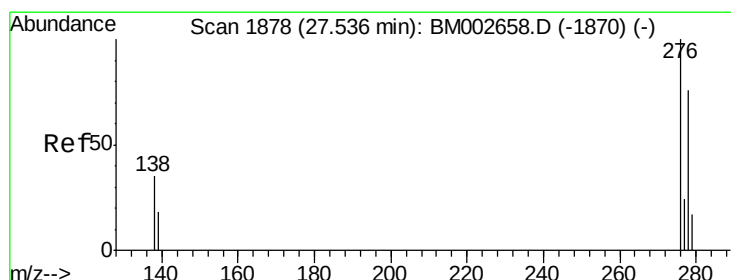
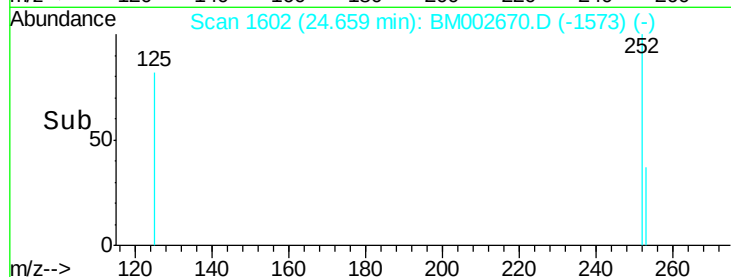
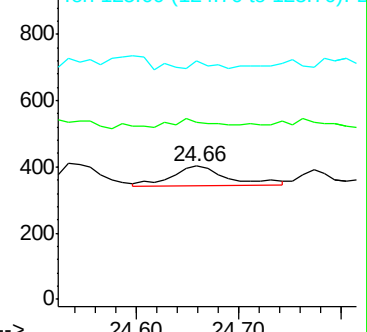
125 178.4 14.5 21.7#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 27.54 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM002670.D

Acq: 04 Sep 2015 12:27

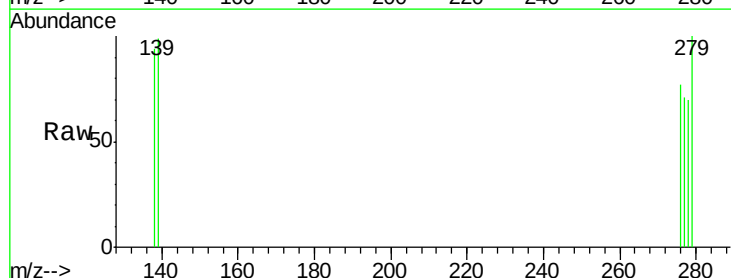
Tgt Ion:276 Resp: 246

Ion Ratio Lower Upper

276 100

138 45.1 27.5 41.3#

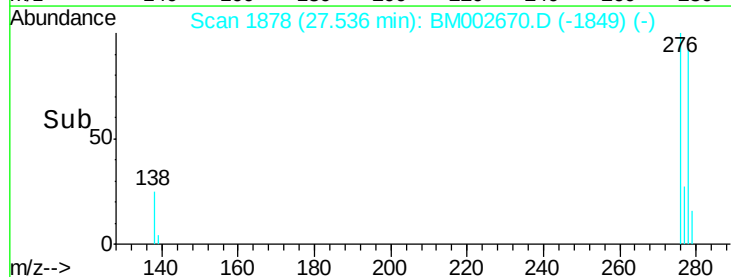
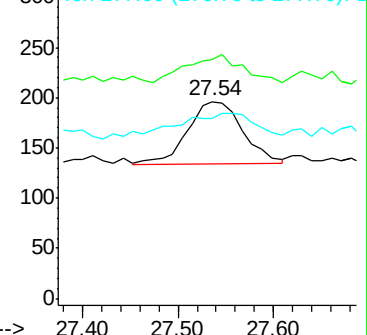
277 61.4 19.3 28.9#

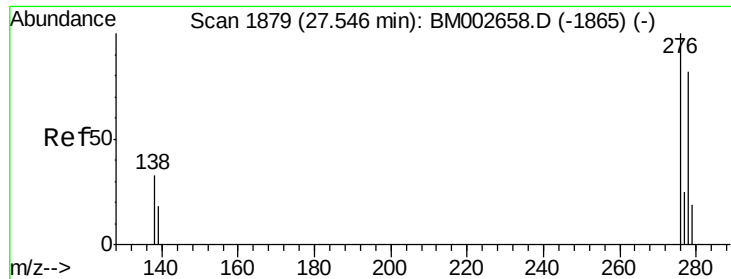


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

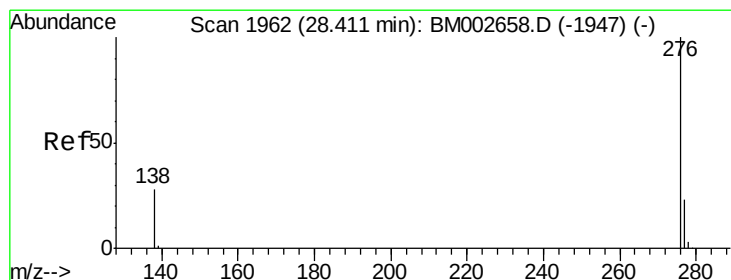
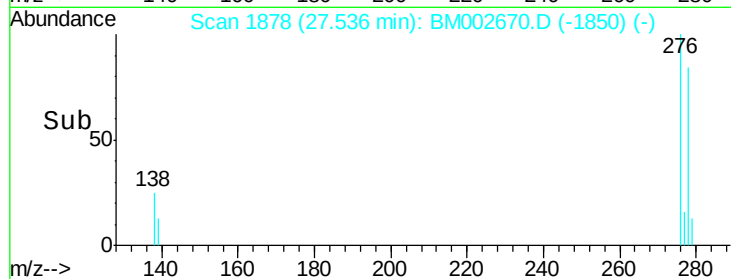
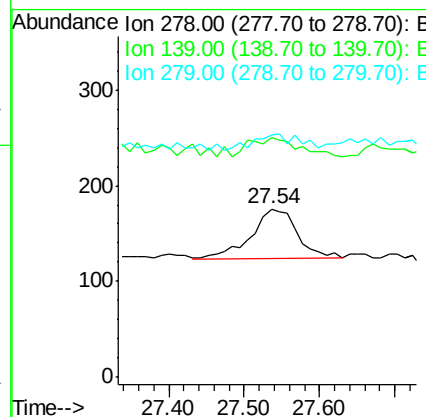
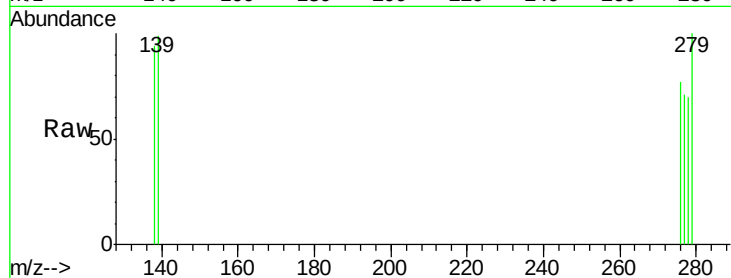




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM002670.D
Acq: 04 Sep 2015 12:27

Instrument :
BNA_M
ClientSampleId :
MDL-BL-S

Tgt Ion: 278 Resp: 225
Ion Ratio Lower Upper
278 100
139 142.0 21.7 32.5#
279 143.8 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 28.39 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BM002670.D
Acq: 04 Sep 2015 12:27

Tgt Ion: 276 Resp: 205
Ion Ratio Lower Upper
276 100
277 97.8 21.3 31.9#
138 128.9 25.5 38.3#

