

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090315\
 Data File : BM002654.D
 Acq On : 03 Sep 2015 18:51
 Operator : UM/IZ
 Sample : MDL-04-W
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Quant Time: Sep 04 04:14:44 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 : Thu Sep 03 14:33:37 2015
 Response via : Initial Calibration

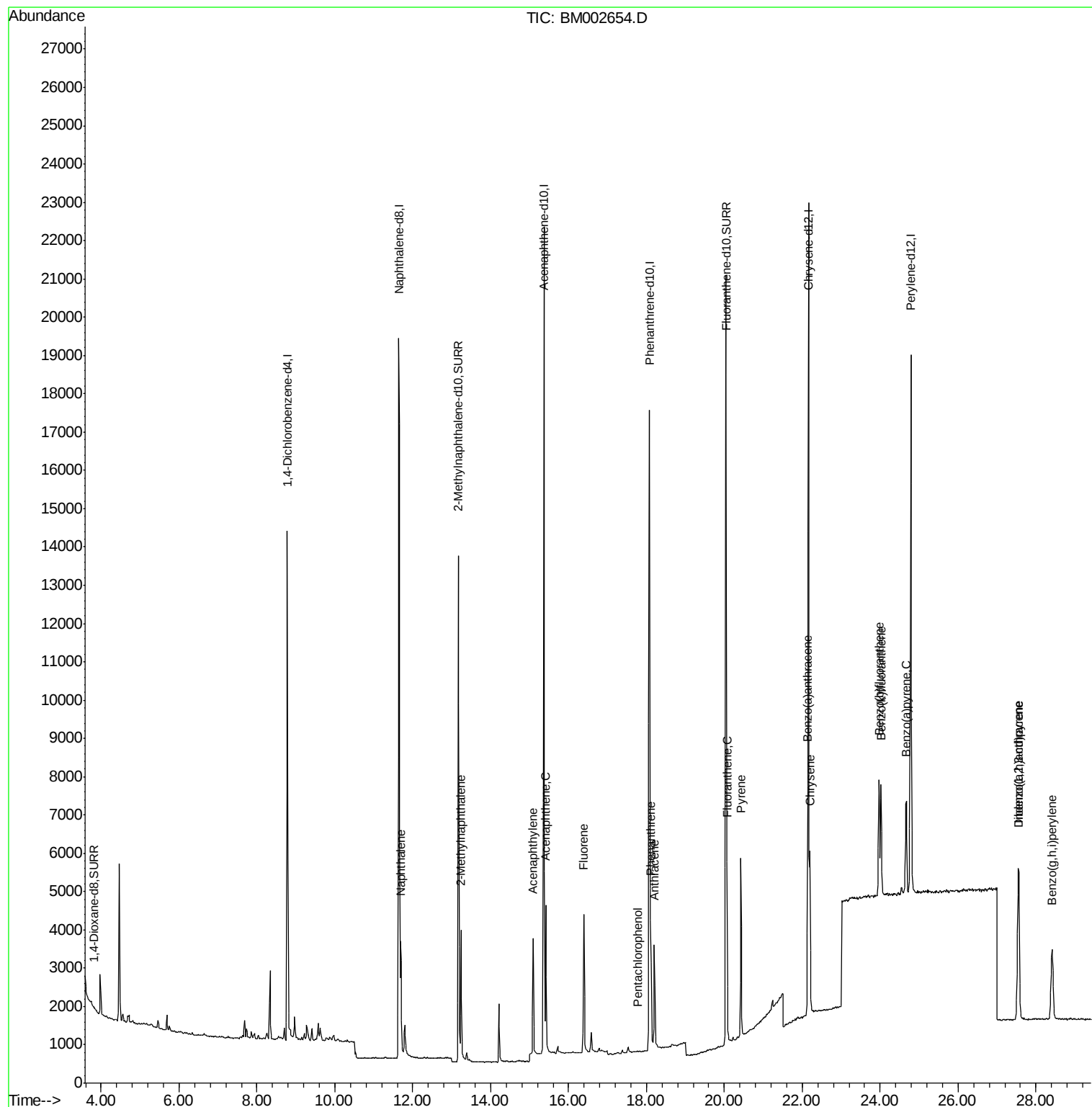
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7929	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	31158	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	13067	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	23490	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	22295	0.40	ng/ul	0.00
22) Perylene-d12	24.79	264	21757	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	152	0.02	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	13.17	152	17957	0.43	ng/ul	0.00
16) Fluoranthene-d10	20.05	212	26735	0.50	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	4198	0.05	ng/ul	94
7) 2-Methylnaphthalene	13.25	142	3236	0.06	ng/ul	88
9) Acenaphthylene	15.09	152	3800	0.05	ng/ul	98
10) Acenaphthene	15.42	153	2565	0.05	ng/ul	99
11) Fluorene	16.39	166	2726	0.05	ng/ul	96
13) Pentachlorophenol	17.78	266	88	0.04	ng/ul#	23
14) Phenanthrene	18.11	178	3874	0.06	ng/ul#	92
15) Anthracene	18.20	178	3778	0.05	ng/ul#	93
17) Fluoranthene	20.07	202	4510	0.06	ng/ul	89
19) Pyrene	20.42	202	4677	0.06	ng/ul#	92
20) Benzo(a)anthracene	22.14	228	4417	0.06	ng/ul#	88
21) Chrysene	22.20	228	4430	0.06	ng/ul#	90
23) Benzo(b)fluoranthene	23.97	252	4814	0.06	ng/ul#	50
24) Benzo(k)fluoranthene	24.02	252	4454	0.06	ng/ul#	46
25) Benzo(a)pyrene	24.67	252	4273	0.06	ng/ul#	43
26) Indeno(1,2,3-cd)pyrene	27.55	276	5033	0.06	ng/ul	98
27) Dibenzo(a,h)anthracene	27.56	278	4004	0.06	ng/ul#	66
28) Benzo(a,h,i)perylene	28.41	276	4322	0.06	ng/ul#	73

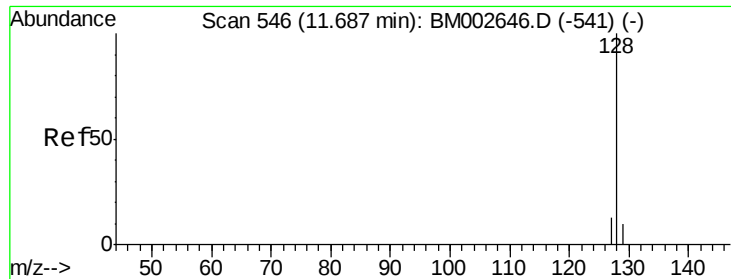
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.05 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

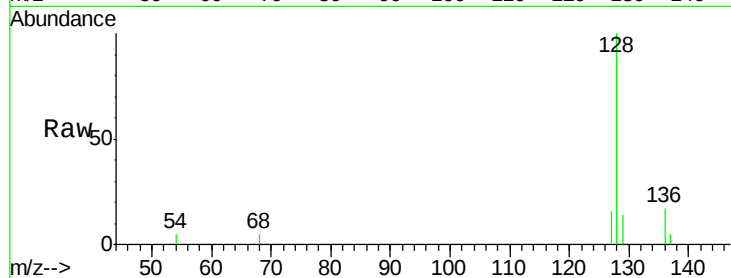
Tot Ion:128 Resp: 4198

Ion Ratio Lower Upper

128 100

129 14.4 9.8 14.8

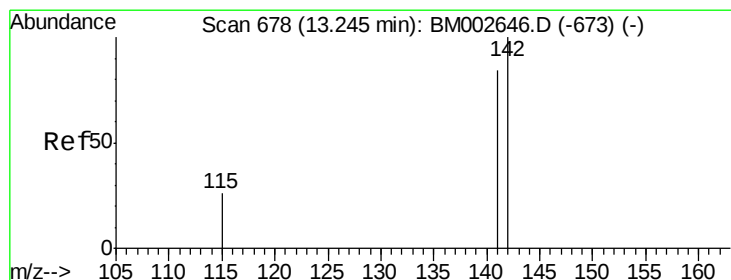
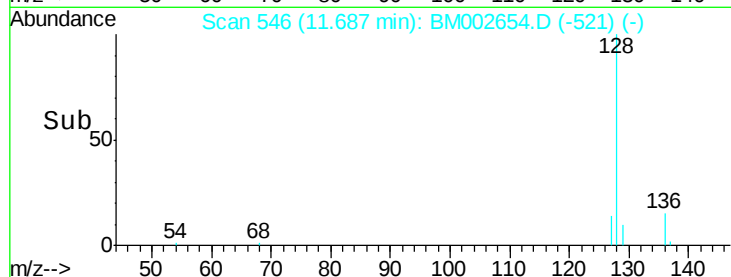
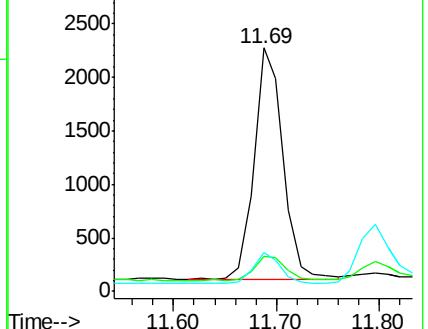
127 16.0 10.7 16.1



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: 0.06 ng/ul

RT: 13.25 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM002654.D

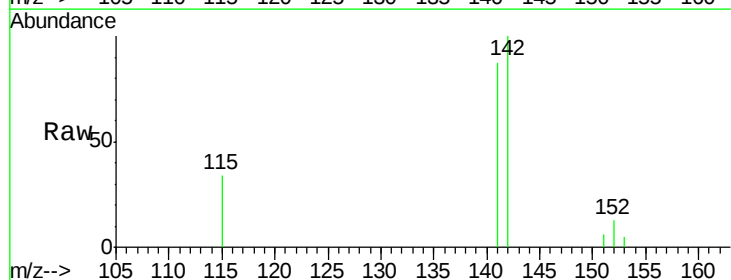
Acq: 03 Sep 2015 18:51

Tgt Ion:142 Resp: 3236

Ion Ratio Lower Upper

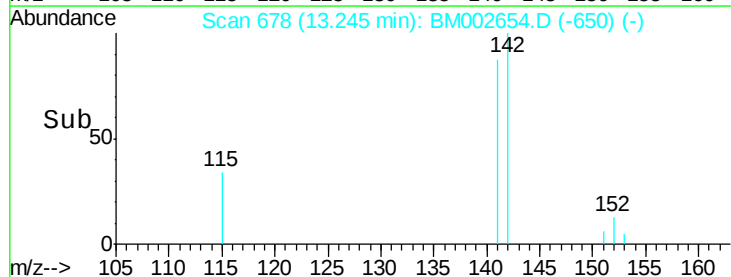
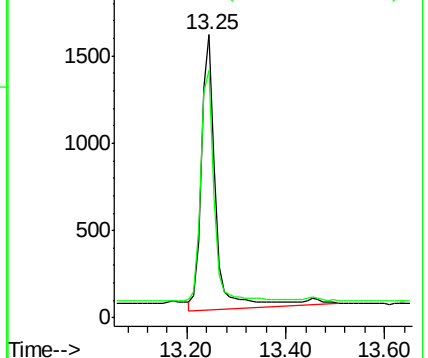
142 100

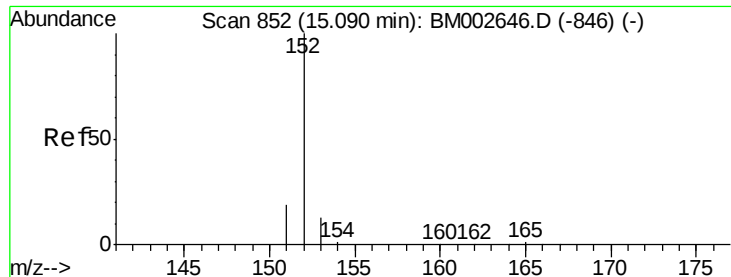
141 77.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

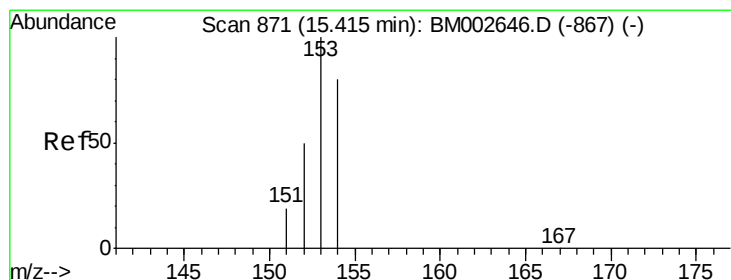
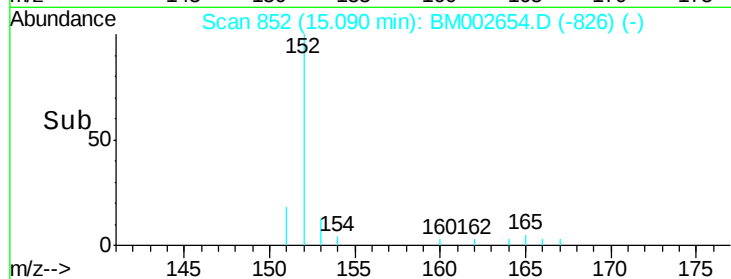
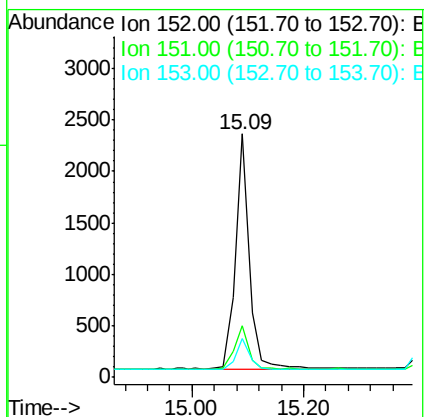
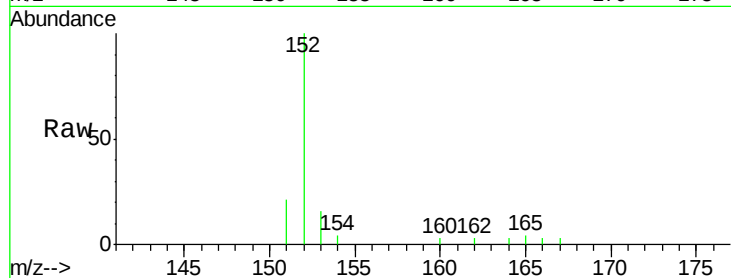
Tot Ion:152 Resp: 3800

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

153 15.9 11.3 16.9



#10

Acenaphthene

Concen: 0.05 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

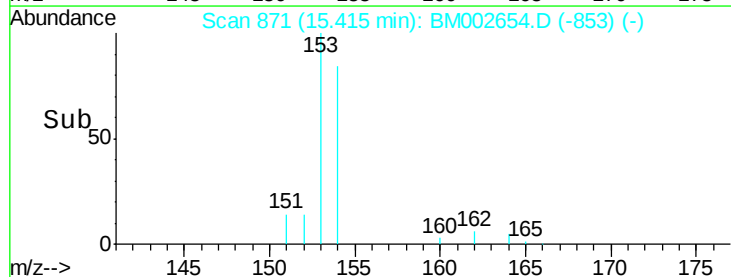
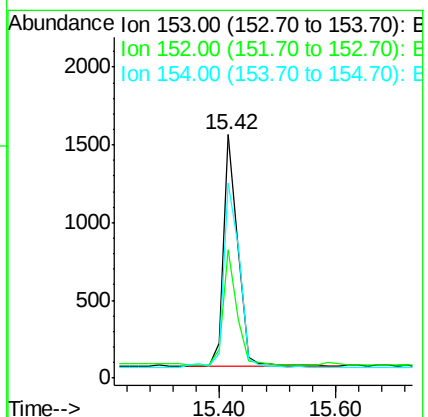
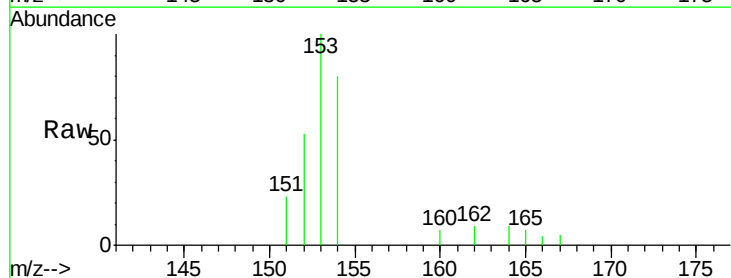
Tgt Ion:153 Resp: 2565

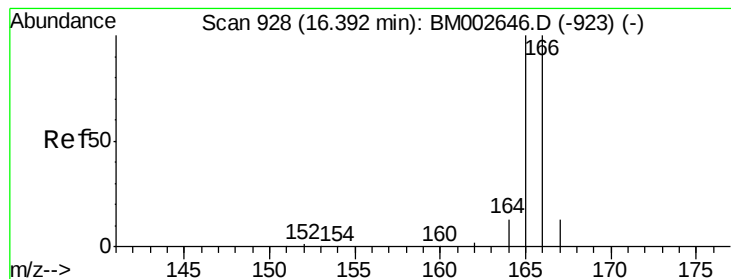
Ion Ratio Lower Upper

153 100

152 52.7 42.3 63.5

154 79.9 64.7 97.1





#11

Fluorene

Concen: 0.05 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

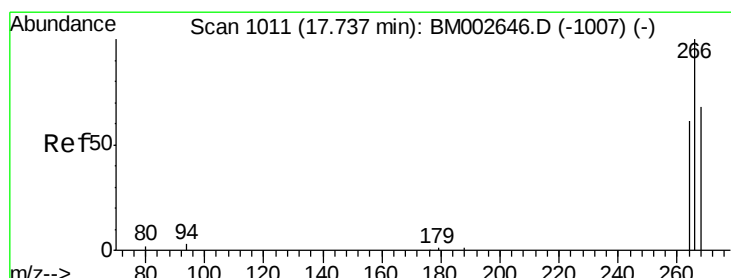
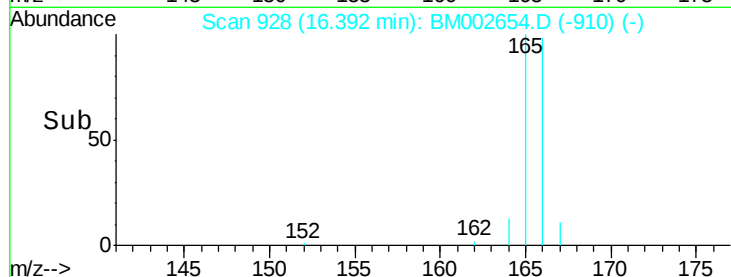
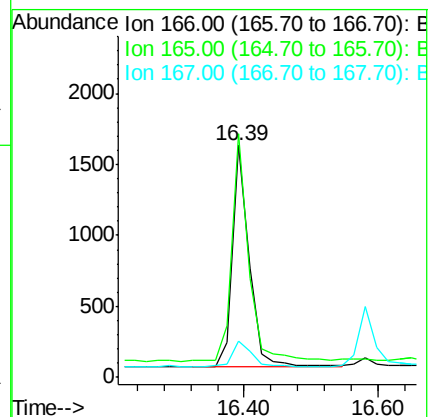
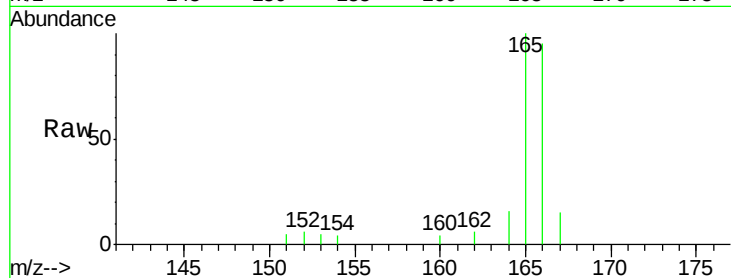
Tot Ion:166 Resp: 2726

Ion Ratio Lower Upper

166 100

165 105.0 87.6 131.4

167 15.8 11.1 16.7



#13

Pentachlorophenol

Concen: 0.04 ng/ul

RT: 17.78 min Scan# 1014

Delta R.T. 0.04 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

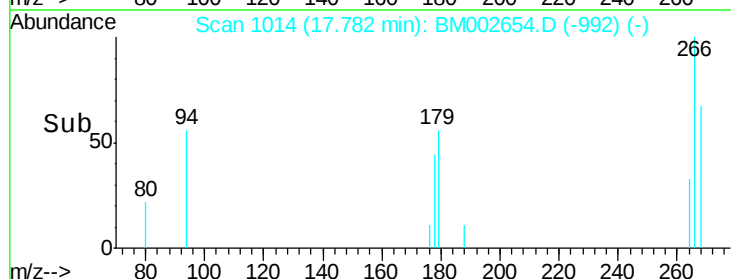
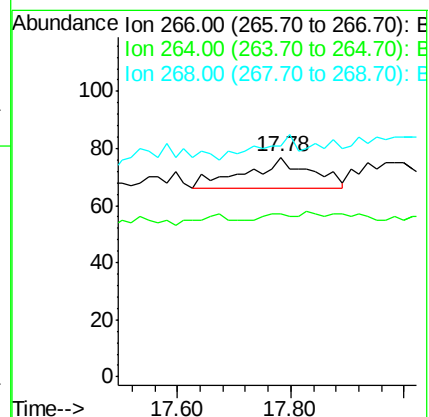
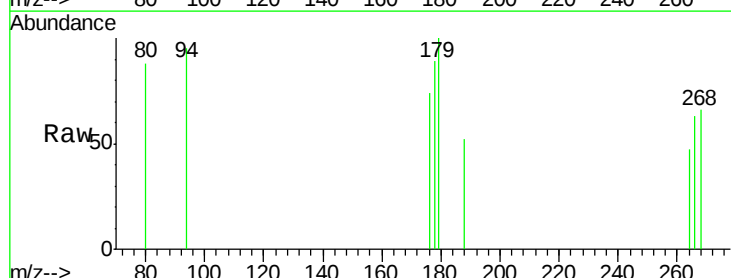
Tgt Ion:266 Resp: 88

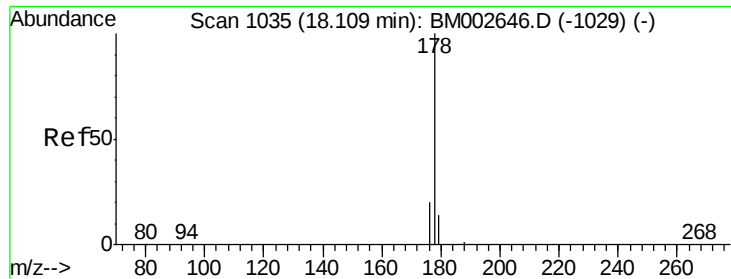
Ion Ratio Lower Upper

266 100

264 10.2 53.5 80.3#

268 0.0 54.2 81.2#

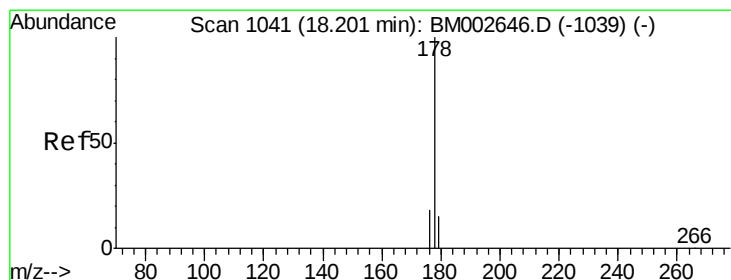
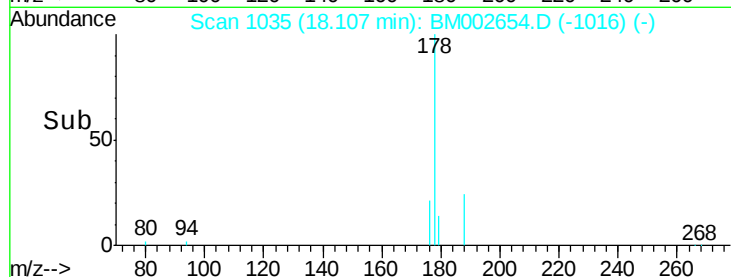
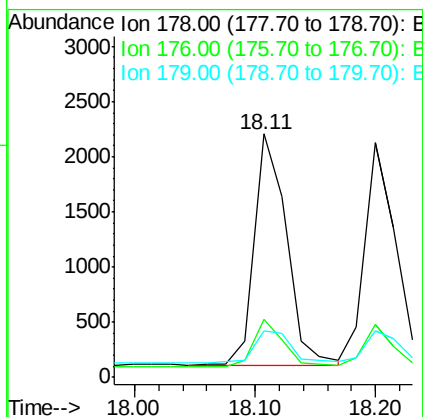
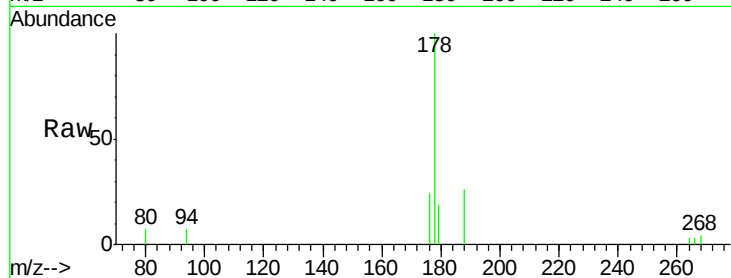




#14
Phenanthrene
Concen: 0.06 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002654.D
Acq: 03 Sep 2015 18:51

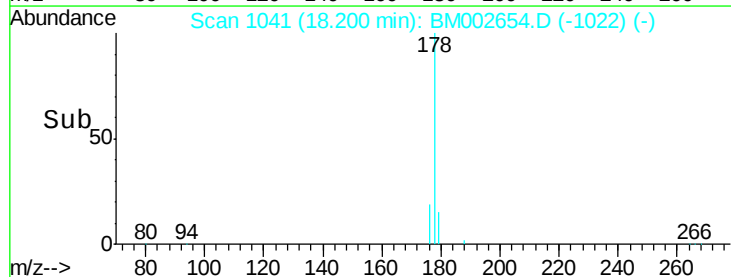
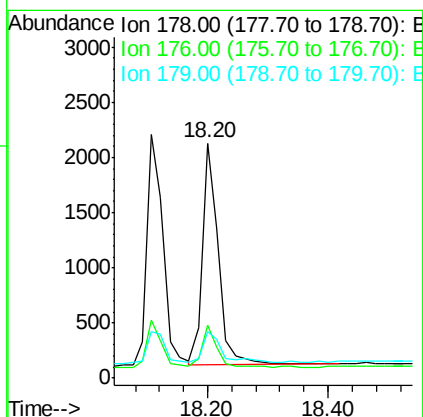
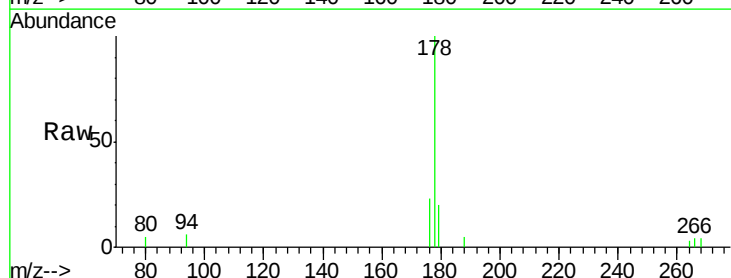
Instrument :
BNA_M
ClientSampleId :
MDL-04-W

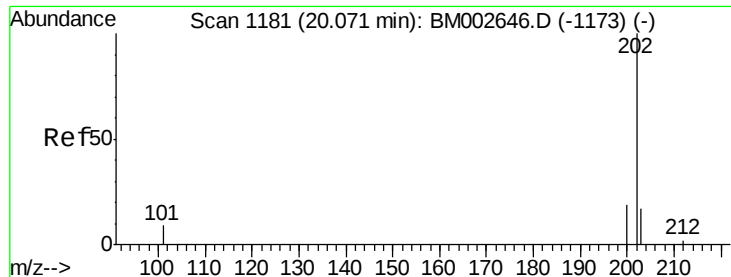
Tot Ion:178 Resp: 3874
Ion Ratio Lower Upper
178 100
176 24.1 16.2 24.4
179 19.3 12.8 19.2#



#15
Anthracene
Concen: 0.05 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM002654.D
Acq: 03 Sep 2015 18:51

Tgt Ion:178 Resp: 3778
Ion Ratio Lower Upper
178 100
176 22.7 15.8 23.8
179 20.0 13.3 19.9#





#17

Fluoranthene

Concen: 0.06 ng/ul

RT: 20.07 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

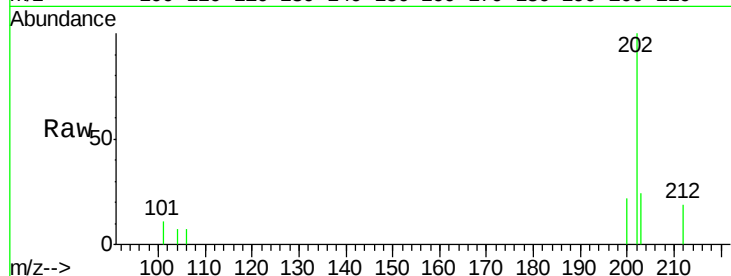
Tot Ion:202 Resp: 4510

Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.1

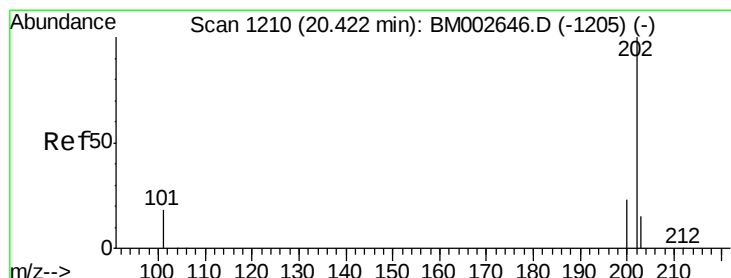
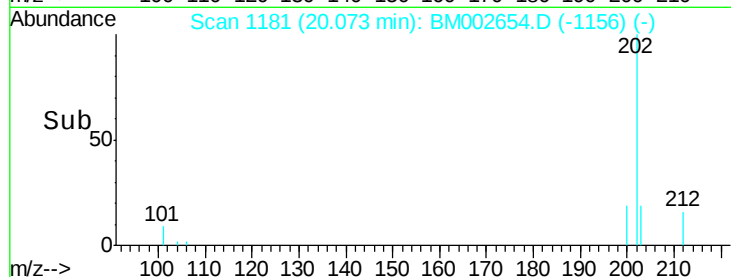
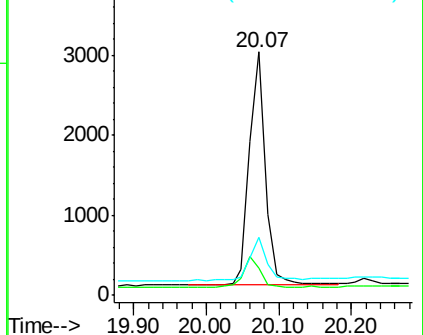
203 24.0 0.0 37.2



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



#19

Pyrene

Concen: 0.06 ng/ul

RT: 20.42 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

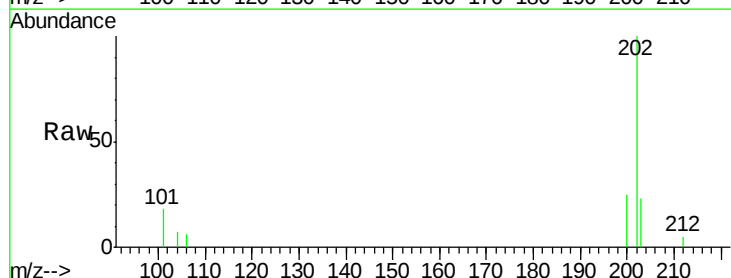
Tgt Ion:202 Resp: 4677

Ion Ratio Lower Upper

202 100

200 24.8 18.0 27.0

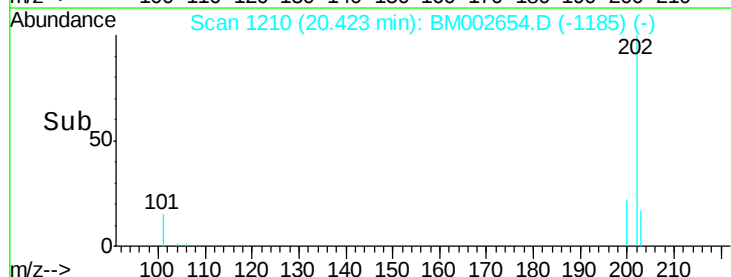
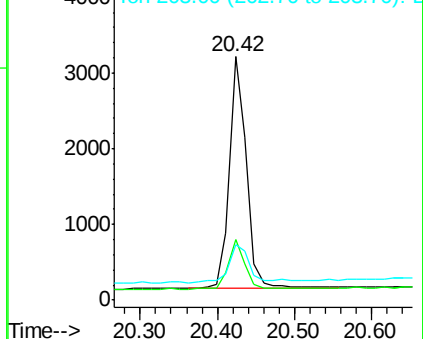
203 22.8 13.8 20.6#

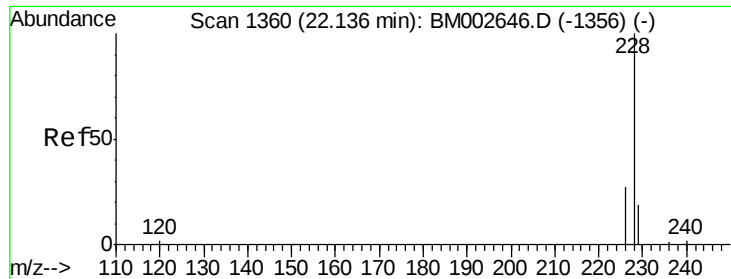


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 22.14 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

Instrument :

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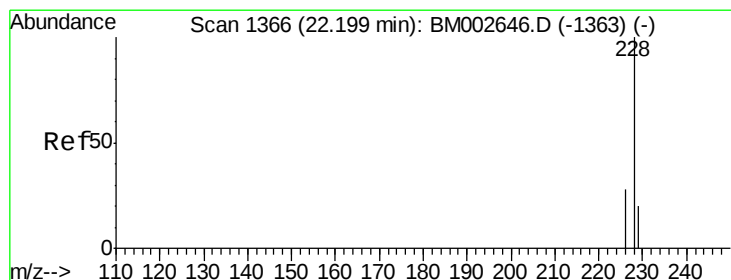
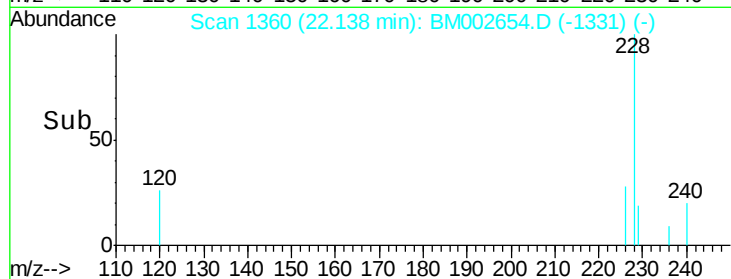
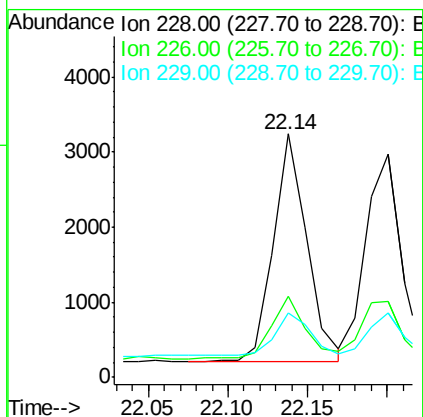
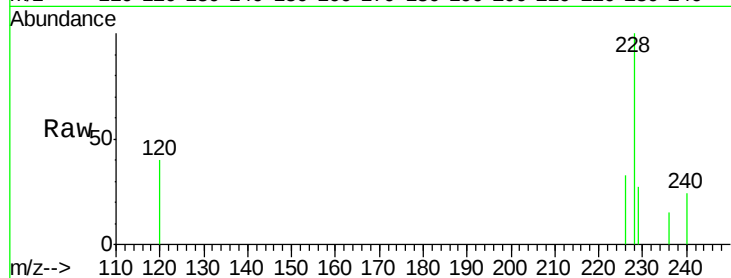
Tot Ion:228 Resp: 4417

Ion Ratio Lower Upper

228 100

226 33.3 23.0 34.4

229 26.6 15.2 22.8#



#21

Chrysene

Concen: 0.06 ng/ul

RT: 22.20 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

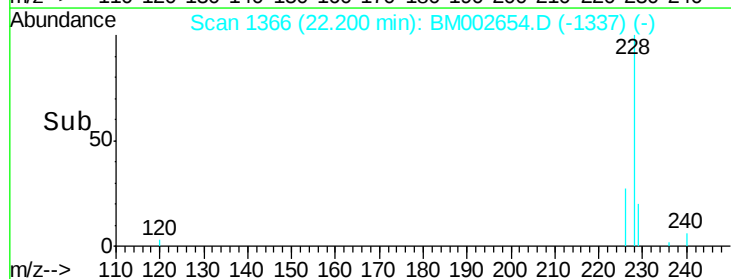
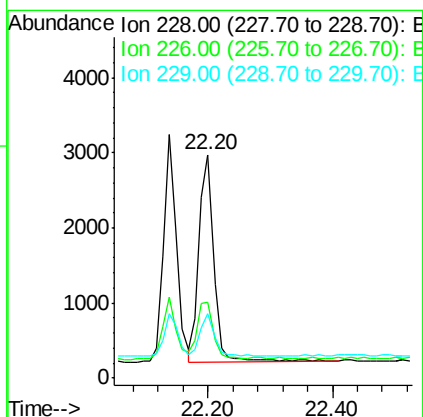
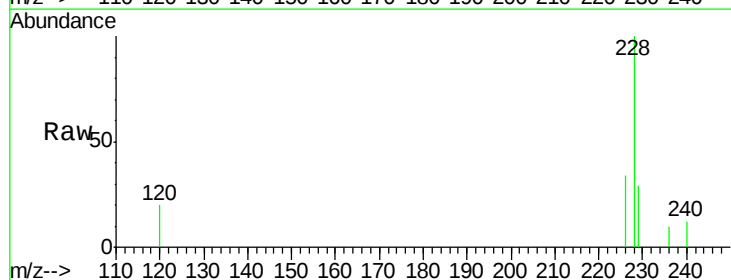
Tgt Ion:228 Resp: 4430

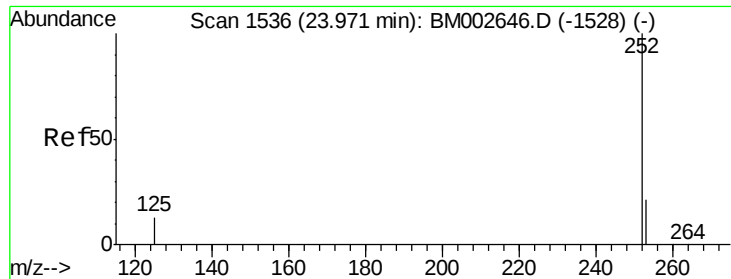
Ion Ratio Lower Upper

228 100

226 34.0 25.7 38.5

229 28.8 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 23.97 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

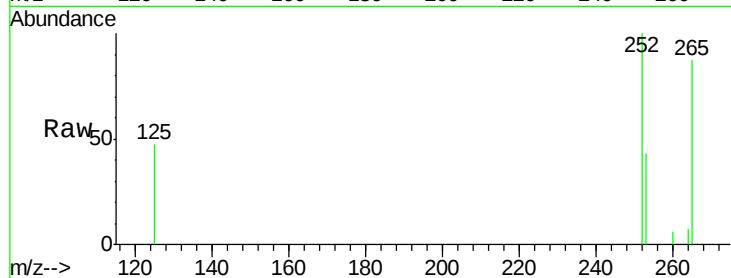
Tot Ion:252 Resp: 4814

Ion Ratio Lower Upper

252 100

253 43.3 0.0 48.0

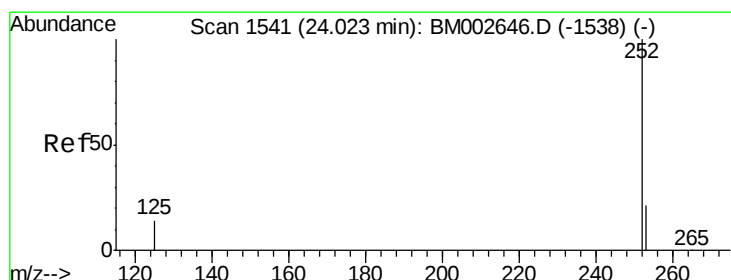
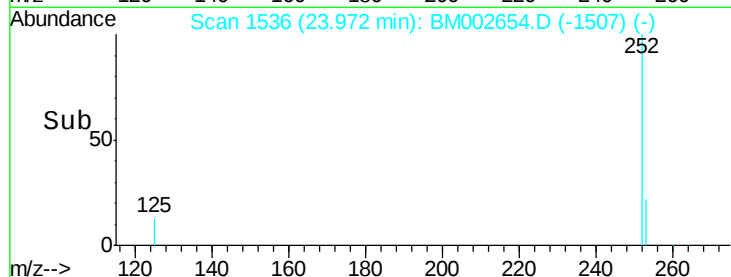
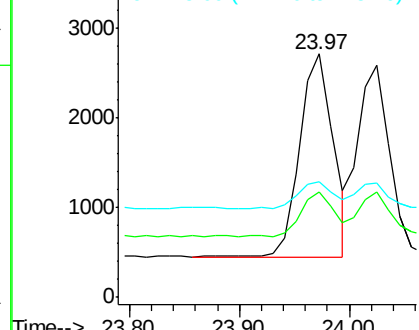
125 47.3 0.0 36.6#



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: 0.06 ng/ul

RT: 24.02 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

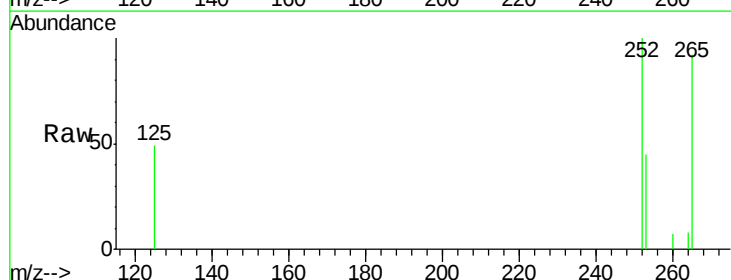
Tgt Ion:252 Resp: 4454

Ion Ratio Lower Upper

252 100

253 45.4 20.8 31.2#

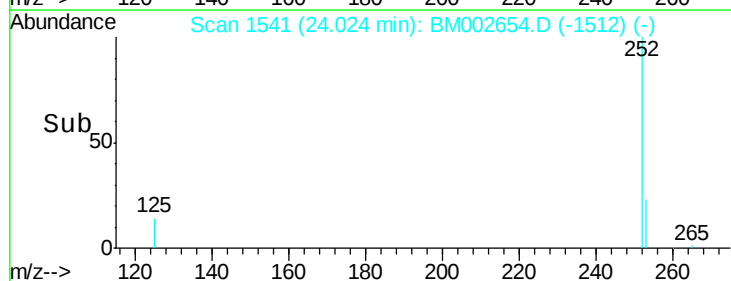
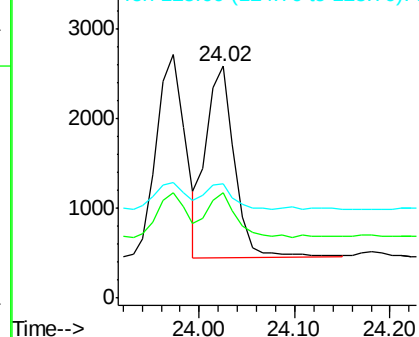
125 49.3 12.2 18.4#

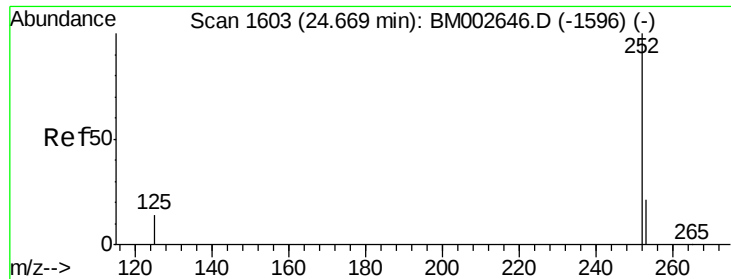


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 24.67 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

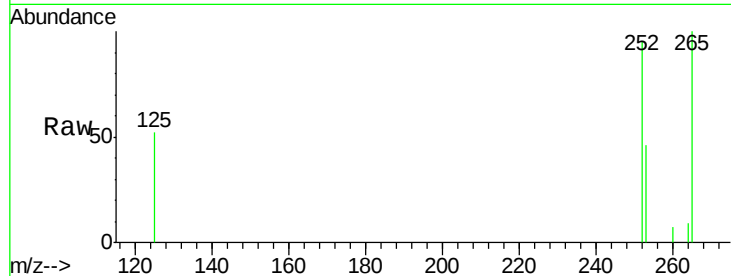
Tot Ion:252 Resp: 4273

Ion Ratio Lower Upper

252 100

253 48.0 21.8 32.8#

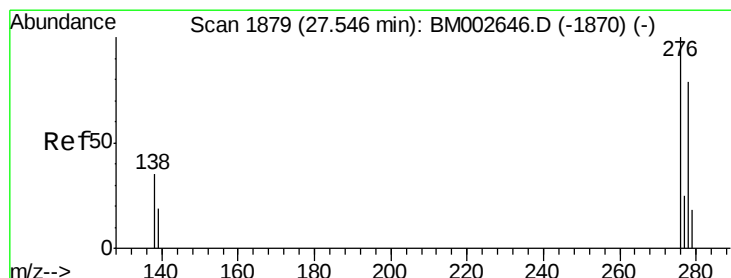
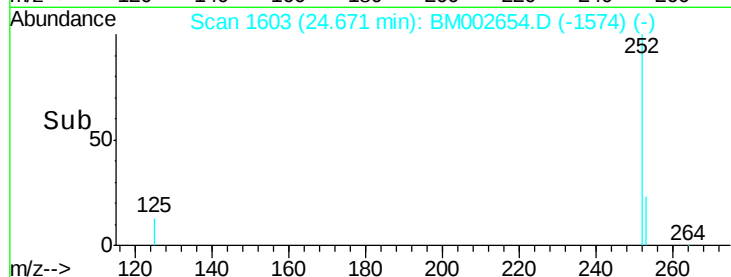
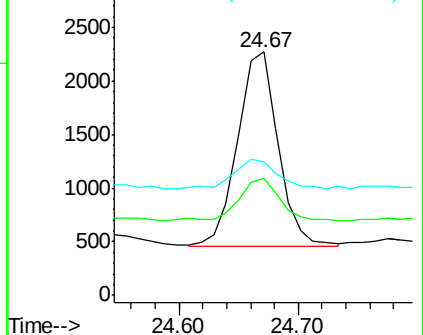
125 54.8 14.5 21.7#



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: 0.06 ng/ul

RT: 27.55 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

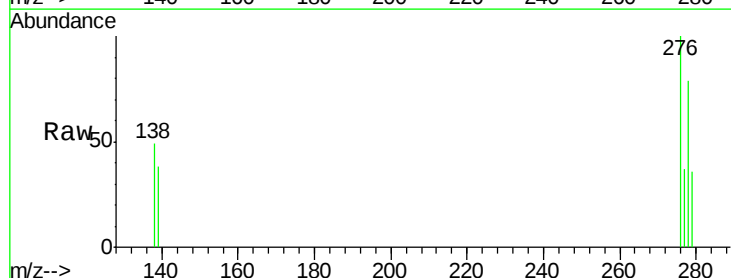
Tgt Ion:276 Resp: 5033

Ion Ratio Lower Upper

276 100

138 34.5 27.5 41.3

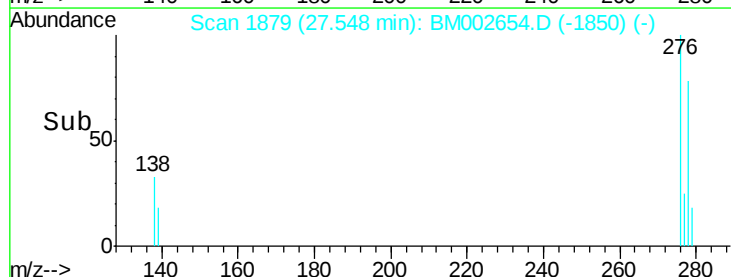
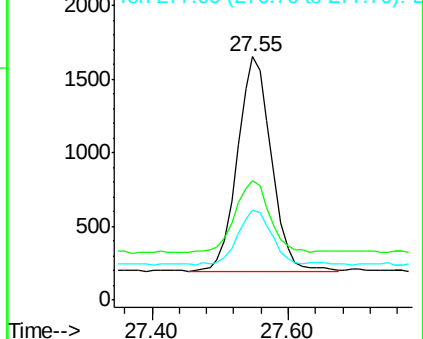
277 26.5 19.3 28.9

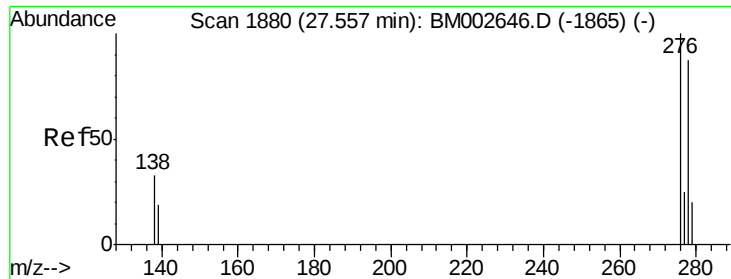


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.06 ng/ul

RT: 27.56 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

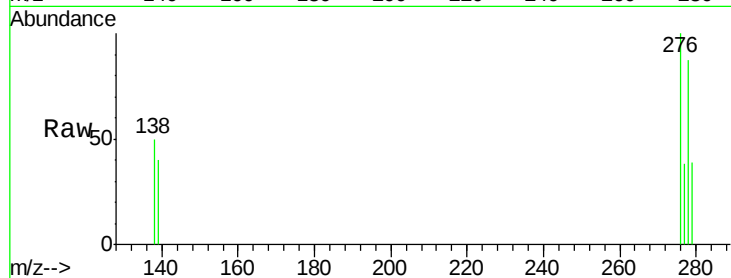
Tot Ion:278 Resp: 4004

Ion Ratio Lower Upper

278 100

139 45.5 21.7 32.5#

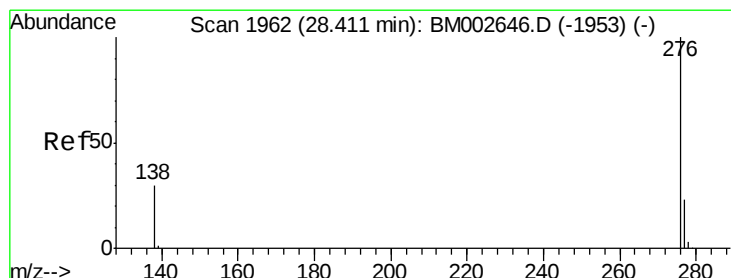
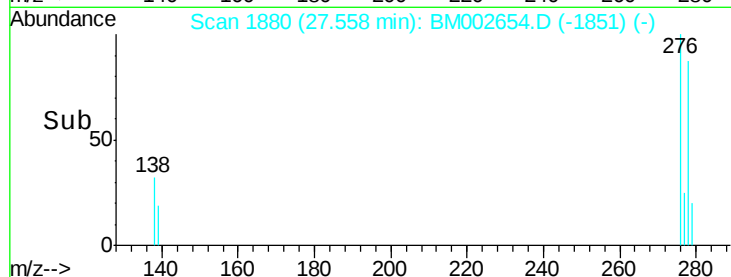
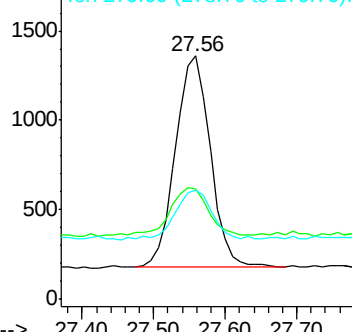
279 44.6 21.9 32.9#



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



#28

Benzo(g,h,i)perylene

Concen: 0.06 ng/ul

RT: 28.41 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

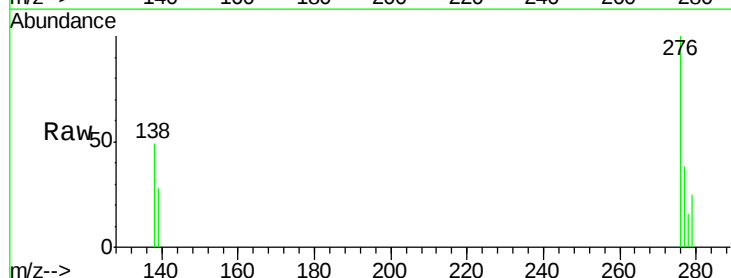
Tgt Ion:276 Resp: 4322

Ion Ratio Lower Upper

276 100

277 37.7 21.3 31.9#

138 49.3 25.5 38.3#



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

