

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090315\
 Data File : BM002666.D
 Acq On : 04 Sep 2015 02:13
 Operator : UM/IZ
 Sample : MDL-07-S
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S

Quant Time: Sep 04 04:38:45 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	6803	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	25327	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	10073	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	18476	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	17468	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	17212	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.87	96	123	0.02	ng/uL	0.05
6) 2-Methylnaphthalene-d10	13.17	152	15808	0.47	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	23368	0.55	ng/ul	-0.01

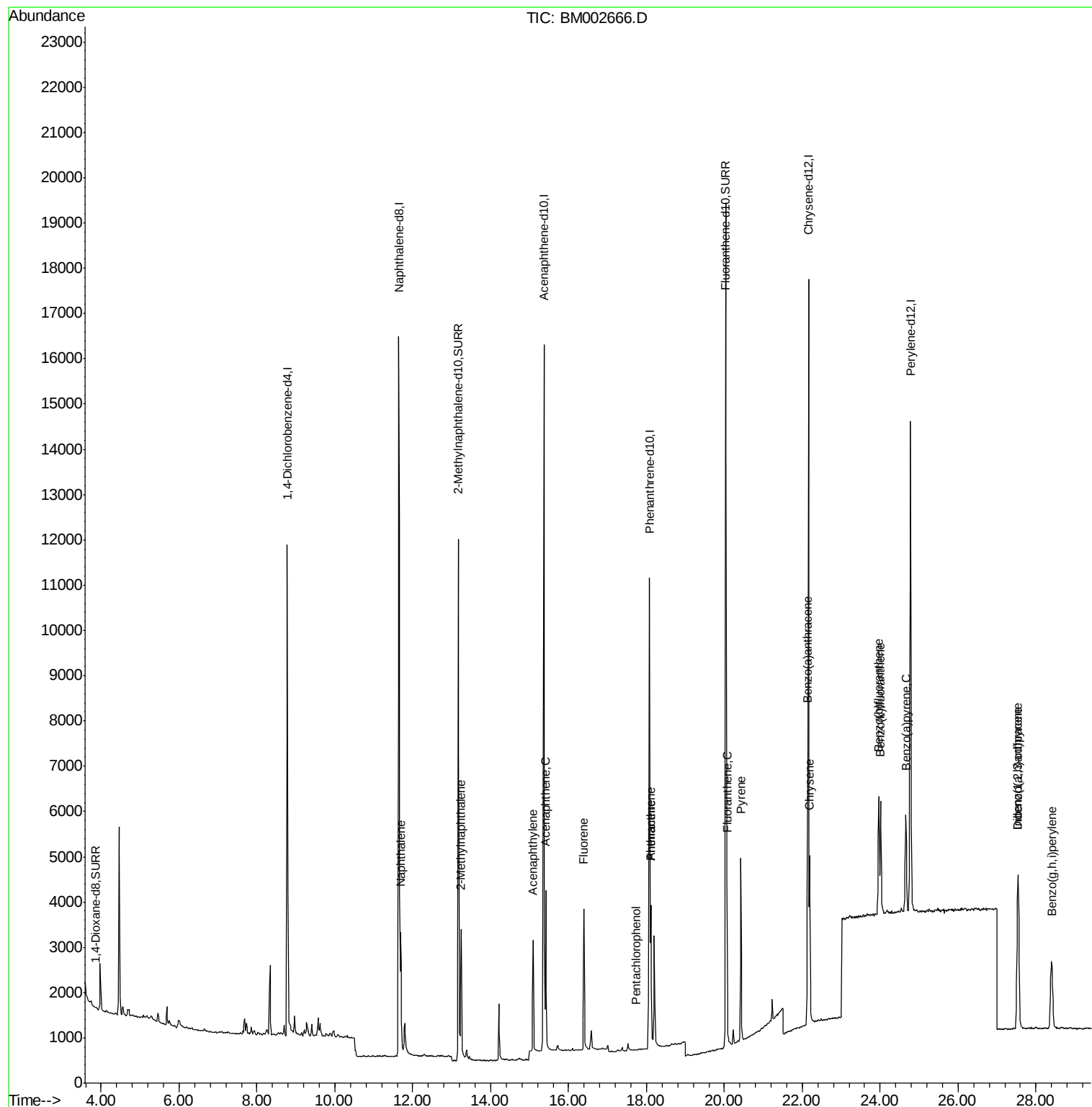
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	11.69	128	3791	0.06	ng/ul	94
7) 2-Methylnaphthalene	13.25	142	2812	0.06	ng/ul	89
9) Acenaphthylene	15.09	152	3262	0.06	ng/ul	97
10) Acenaphthene	15.42	153	2215	0.06	ng/ul	96
11) Fluorene	16.39	166	2336	0.06	ng/ul#	91
13) Pentachlorophenol	17.74	266	17	0.01	ng/ul#	16
14) Phenanthrene	18.11	178	3413	0.06	ng/ul	95
15) Anthracene	18.11	178	3413	0.06	ng/ul	95
17) Fluoranthene	20.07	202	3858	0.07	ng/ul	88
19) Pyrene	20.42	202	3993	0.06	ng/ul#	94
20) Benzo(a)anthracene	22.14	228	3741	0.06	ng/ul#	92
21) Chrysene	22.19	228	3614	0.06	ng/ul#	90
23) Benzo(b)fluoranthene	23.96	252	4225	0.07	ng/ul#	57
24) Benzo(k)fluoranthene	24.01	252	3508	0.06	ng/ul#	55
25) Benzo(a)pyrene	24.66	252	3575	0.06	ng/ul#	49
26) Indeno(1,2,3-cd)pyrene	27.54	276	4286	0.06	ng/ul	98
27) Dibenzo(a,h)anthracene	27.54	278	3426	0.06	ng/ul#	71
28) Benzo(a,h,i)perylene	28.40	276	3700	0.06	ng/ul#	77

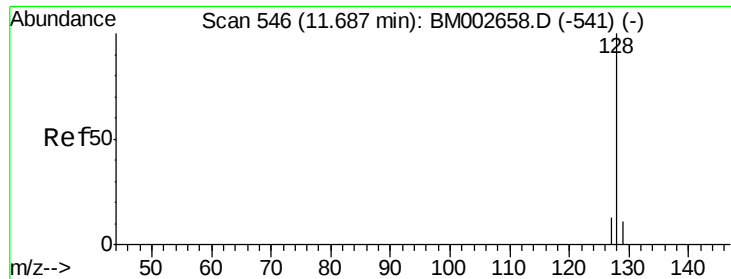
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.06 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

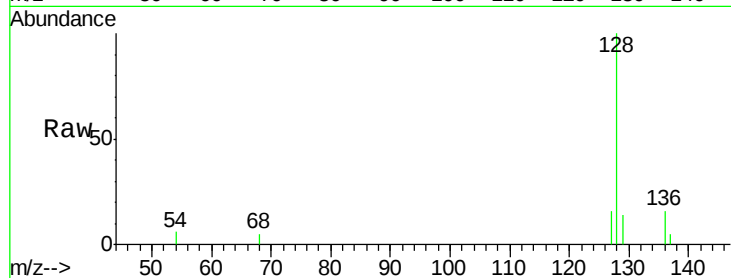
Tot Ion:128 Resp: 3791

Ion Ratio Lower Upper

128 100

129 14.5 9.8 14.8

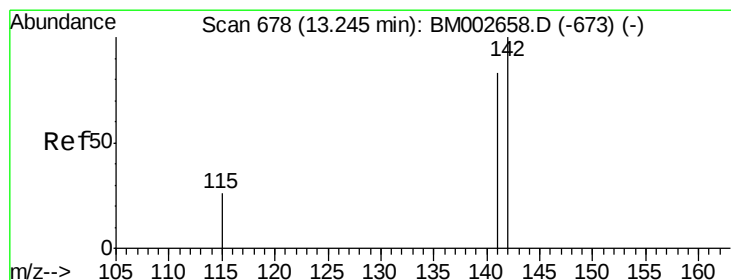
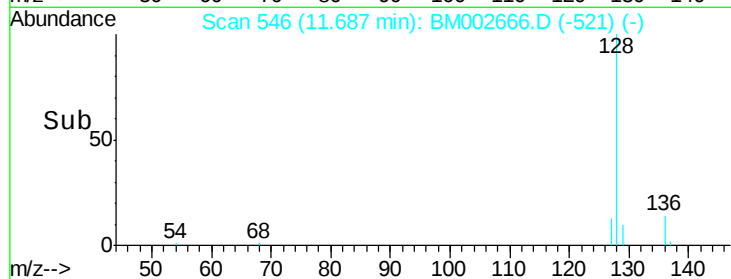
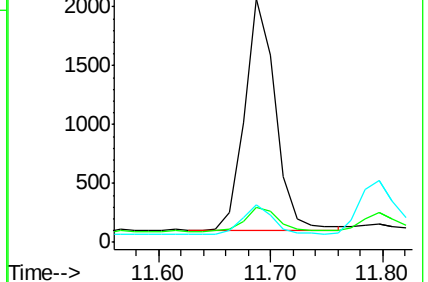
127 15.6 10.7 16.1



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: BM002666.D

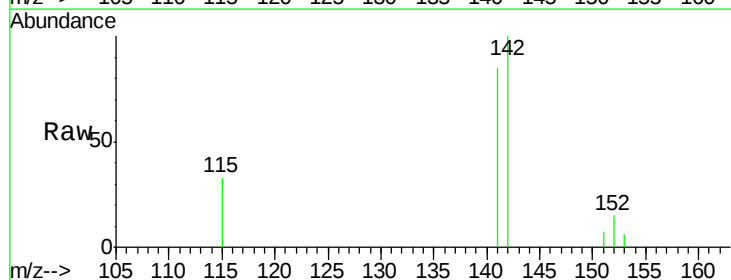
Acq: 04 Sep 2015 02:13

Tgt Ion:142 Resp: 2812

Ion Ratio Lower Upper

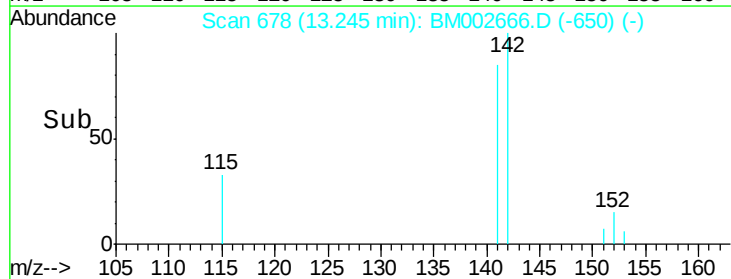
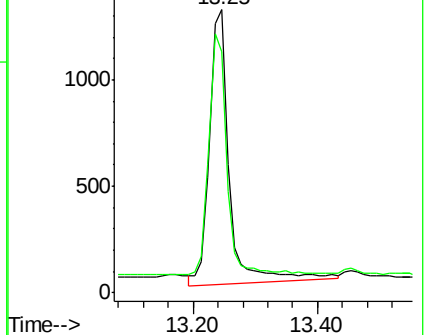
142 100

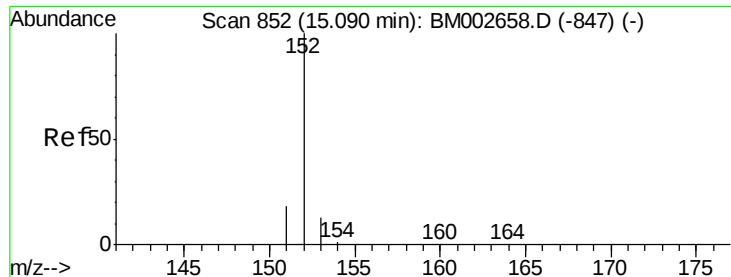
141 98.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.06 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

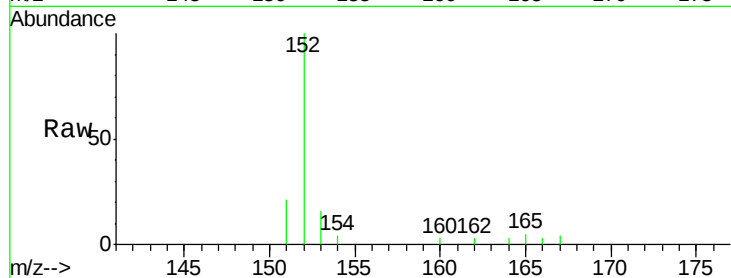
Tot Ion:152 Resp: 3262

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

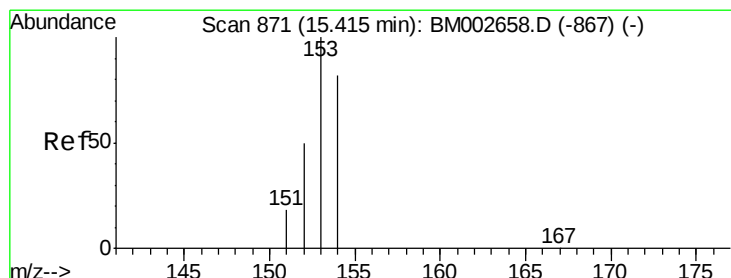
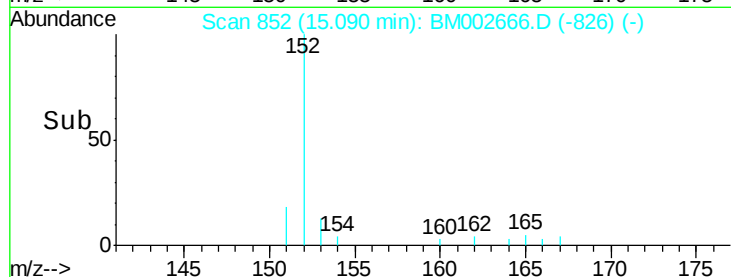
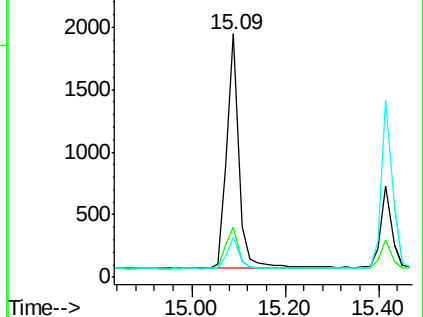
153 16.3 11.3 16.9



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: 0.06 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

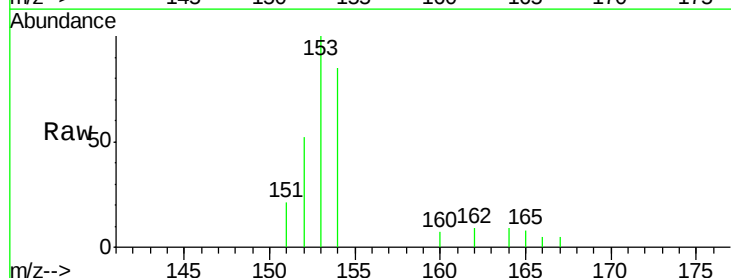
Tgt Ion:153 Resp: 2215

Ion Ratio Lower Upper

153 100

152 51.6 42.3 63.5

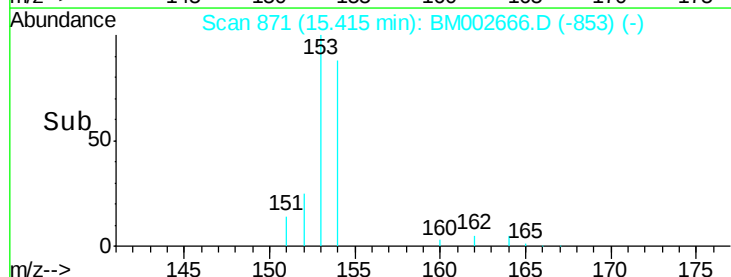
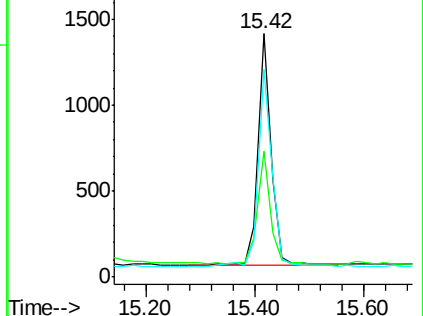
154 85.3 64.7 97.1

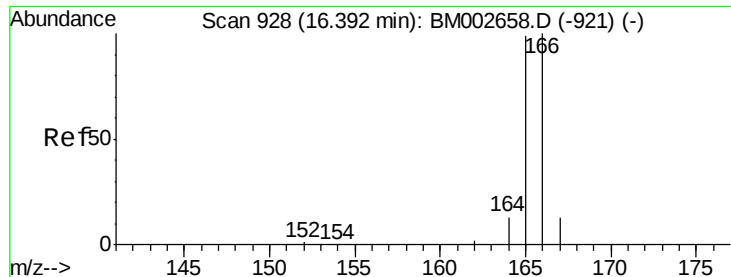


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

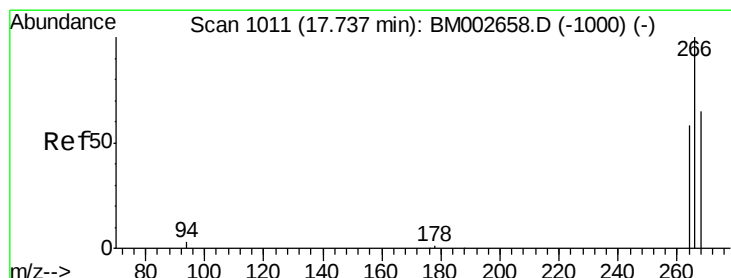
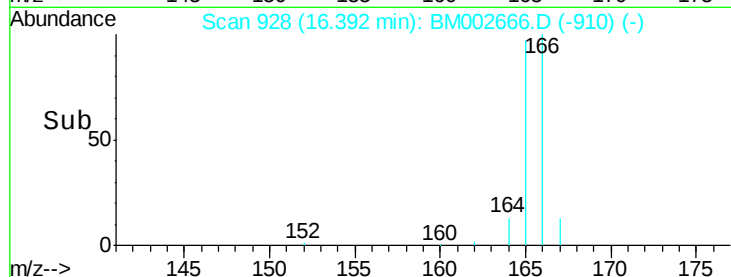
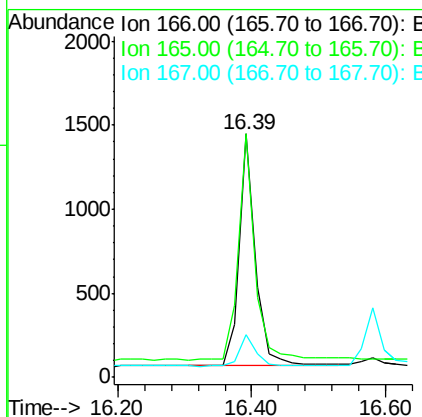
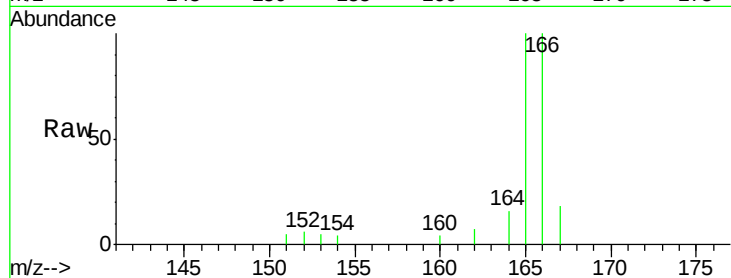




#11
 Fluorene
 Concen: 0.06 ng/ul
 RT: 16.39 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BM002666.D
 Acq: 04 Sep 2015 02:13

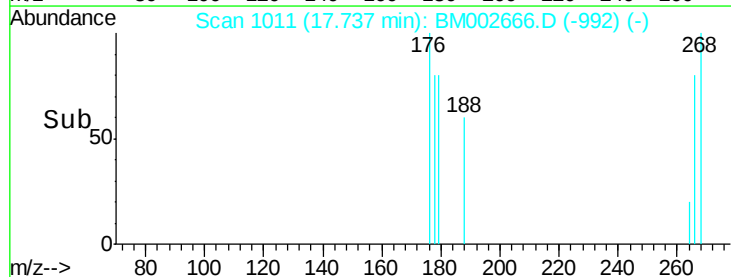
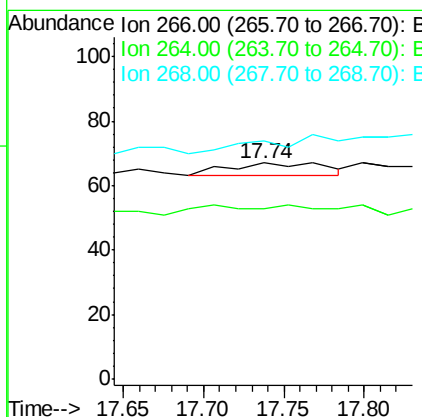
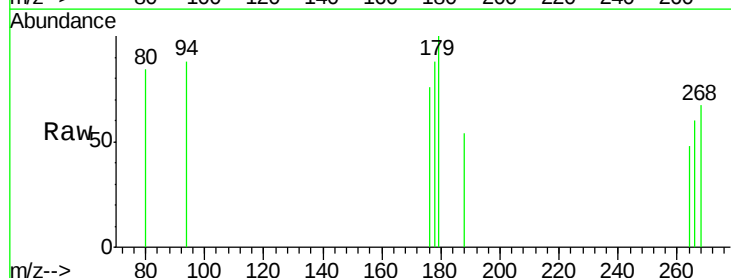
Instrument :
 BNA_M
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 MDL-07-S

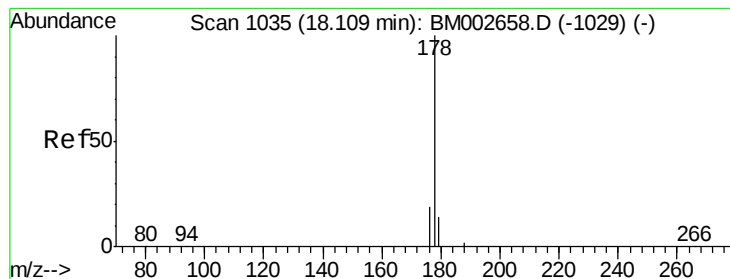
Tot Ion:166 Resp: 2336
 Ion Ratio Lower Upper
 166 100
 165 100.1 87.6 131.4
 167 17.6 11.1 16.7#



#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 17.74 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BM002666.D
 Acq: 04 Sep 2015 02:13

Tgt Ion:266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 0.0 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: BM002666.D

Acq: 04 Sep 2015 02:13

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

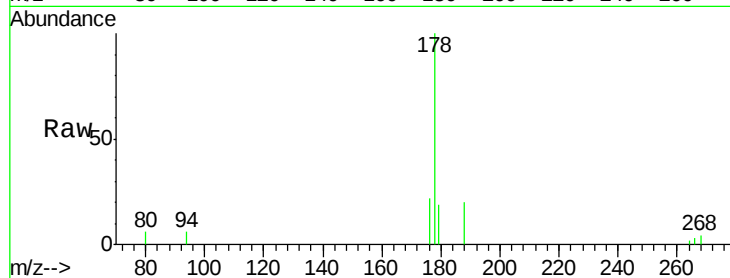
Tot Ion:178 Resp: 3413

Ion Ratio Lower Upper

178 100

176 22.0 16.2 24.4

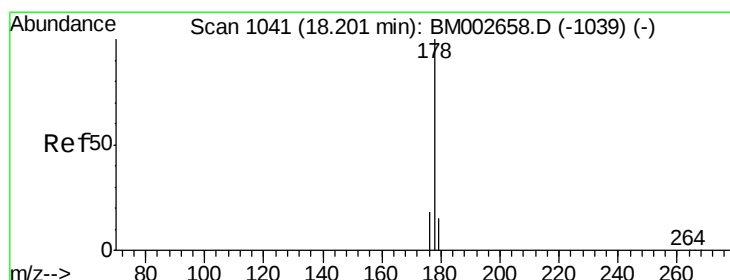
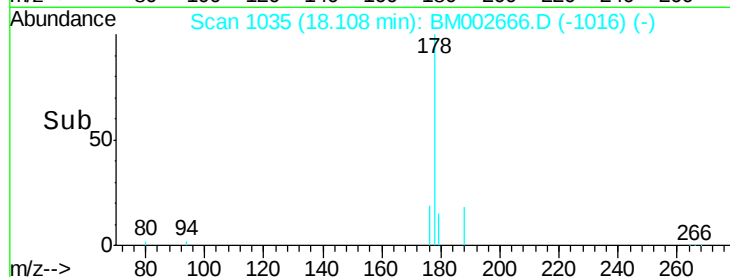
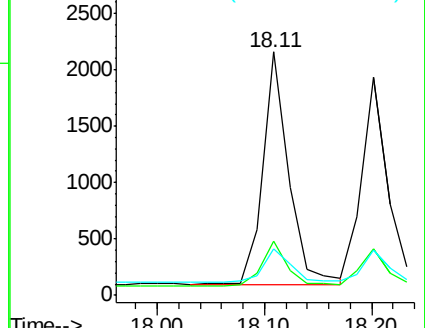
179 19.2 12.8 19.2



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: 0.06 ng/ul

RT: 18.11 min Scan# 1035

Delta R.T. -0.09 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

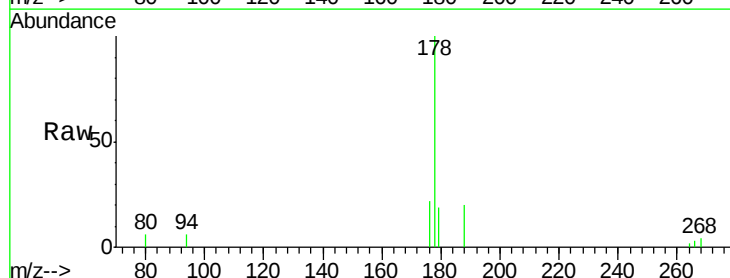
Tgt Ion:178 Resp: 3413

Ion Ratio Lower Upper

178 100

176 22.0 15.8 23.8

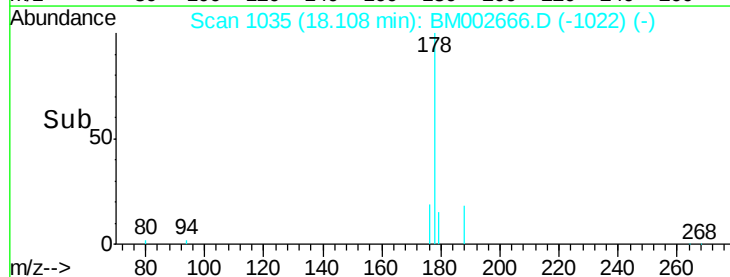
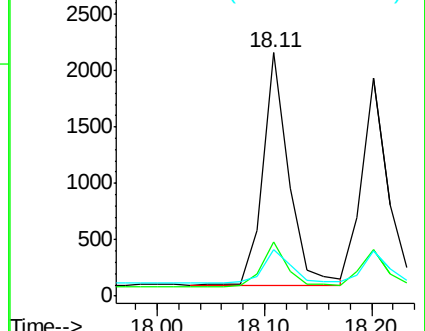
179 19.2 13.3 19.9

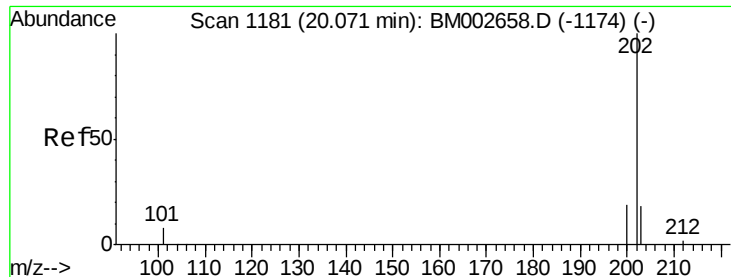


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

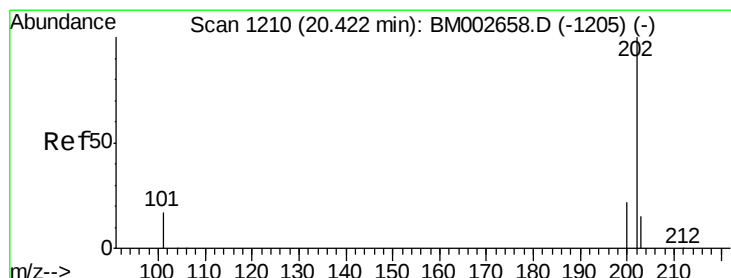
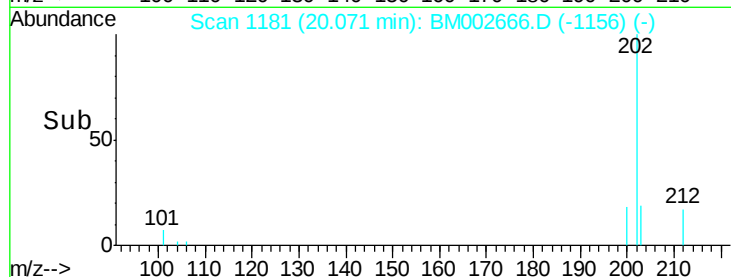
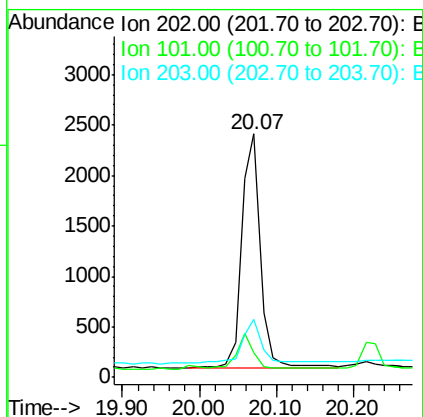
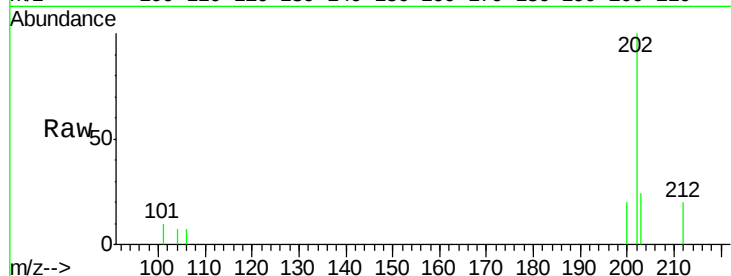




#17
Fluoranthene
Concen: 0.07 ng/ul
RT: 20.07 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BM002666.D
Acq: 04 Sep 2015 02:13

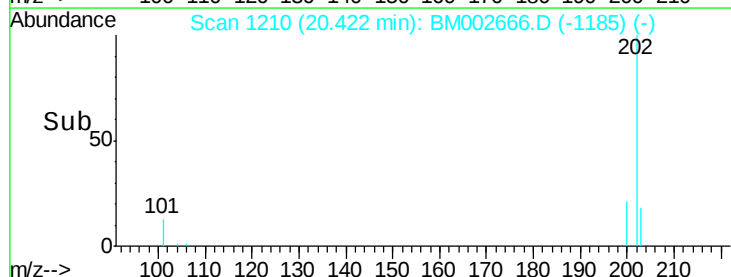
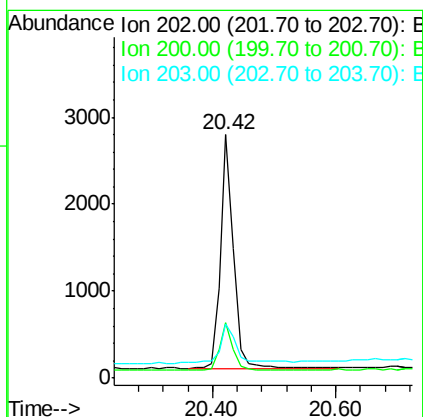
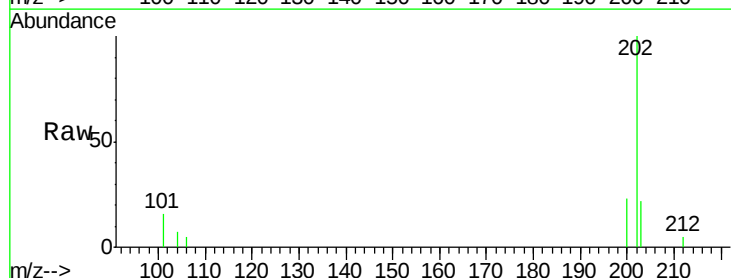
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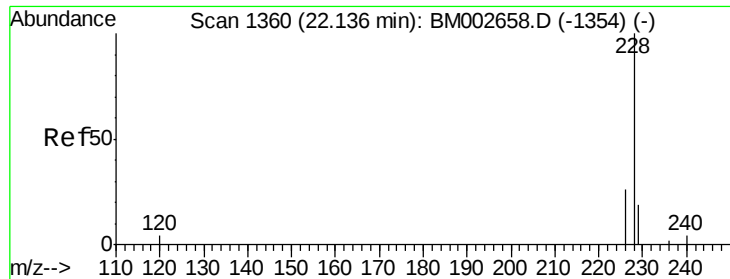
Tot Ion:202 Resp: 3858
Ion Ratio Lower Upper
202 100
101 10.2 0.0 33.1
203 24.0 0.0 37.2



#19
Pyrene
Concen: 0.06 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM002666.D
Acq: 04 Sep 2015 02:13

Tgt Ion:202 Resp: 3993
Ion Ratio Lower Upper
202 100
200 22.8 18.0 27.0
203 22.5 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 22.14 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

Instrument :

BNA_M

ClientSampleId :

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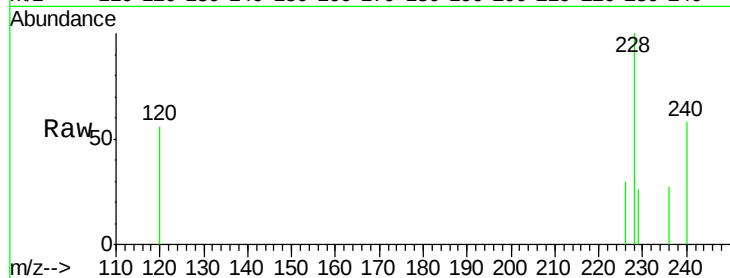
Tot Ion:228 Resp: 3741

Ion Ratio Lower Upper

228 100

226 30.4 23.0 34.4

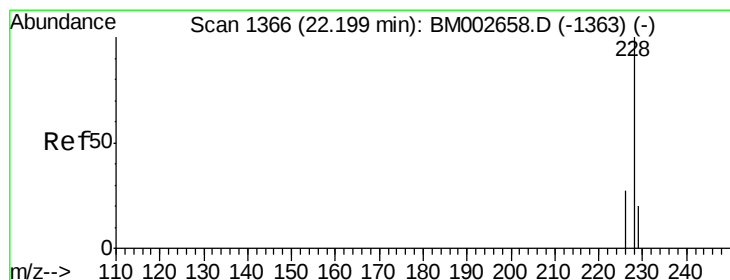
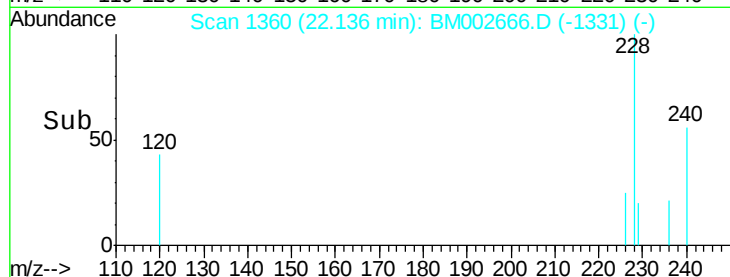
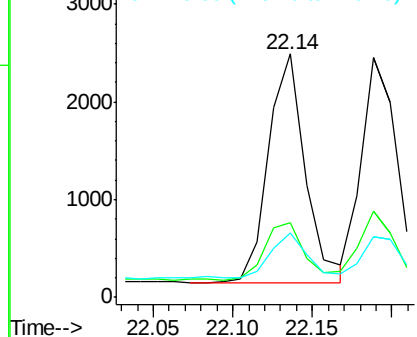
229 26.2 15.2 22.8#



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



#21

Chrysene

Concen: 0.06 ng/ul

RT: 22.19 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

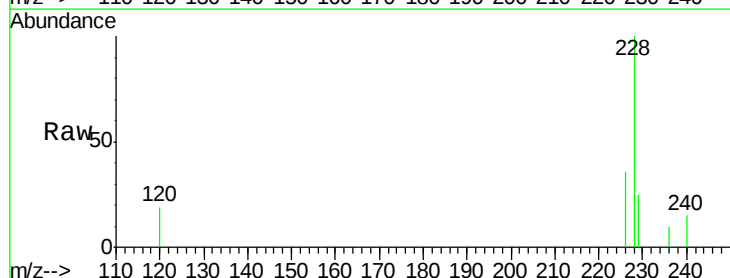
Tgt Ion:228 Resp: 3614

Ion Ratio Lower Upper

228 100

226 36.0 25.7 38.5

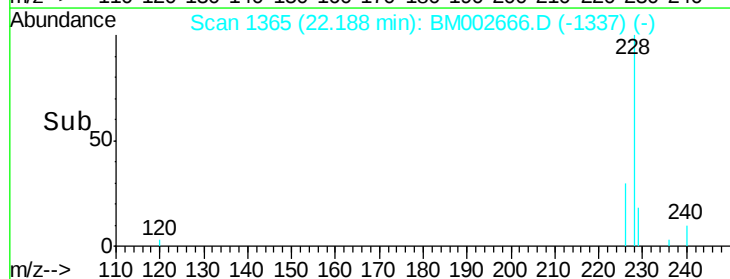
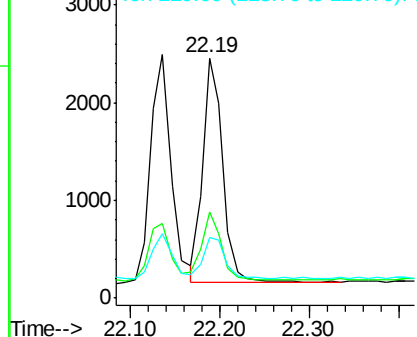
229 25.4 15.2 22.8#

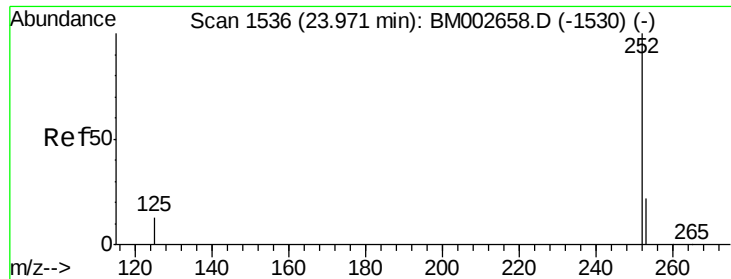


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

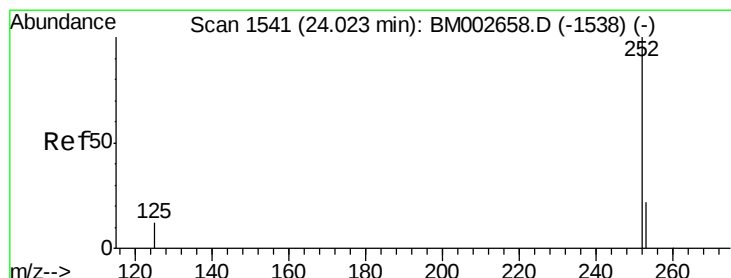
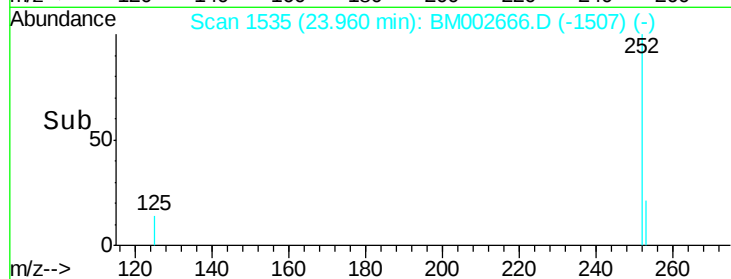
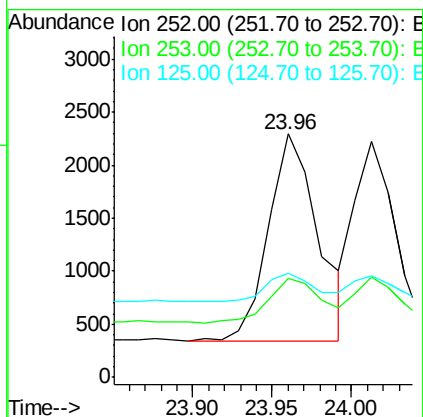
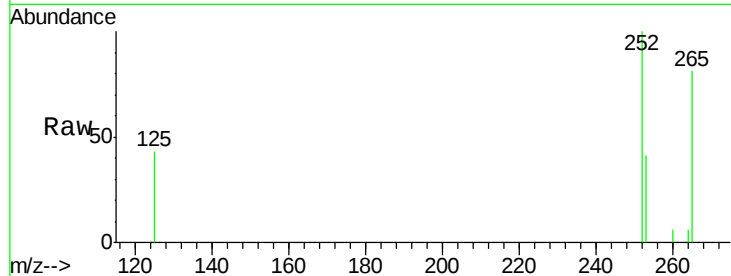
Tot Ion:252 Resp: 4225

Ion Ratio Lower Upper

252 100

253 40.7 0.0 48.0

125 42.6 0.0 36.6#



#24

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 24.01 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

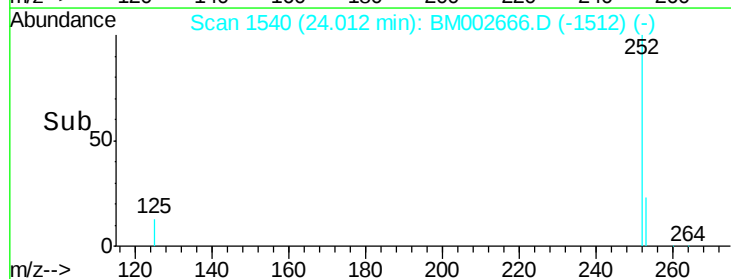
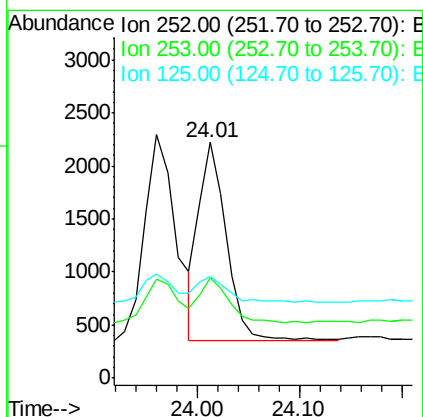
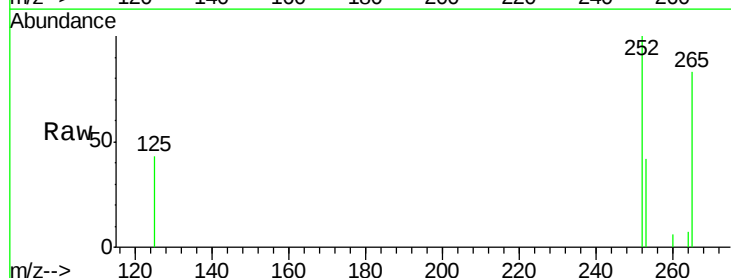
Tgt Ion:252 Resp: 3508

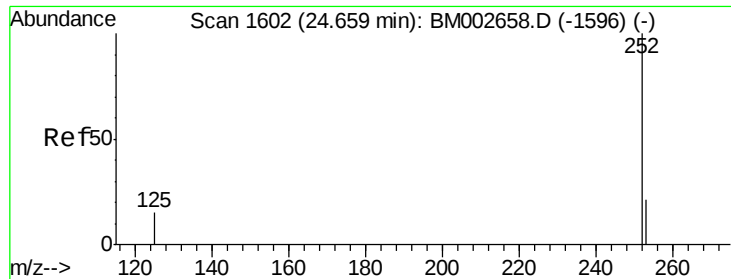
Ion Ratio Lower Upper

252 100

253 42.3 20.8 31.2#

125 43.0 12.2 18.4#





#25

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 24.66 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

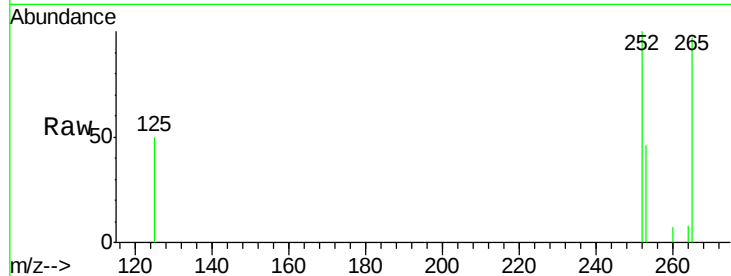
Tot Ion:252 Resp: 3575

Ion Ratio Lower Upper

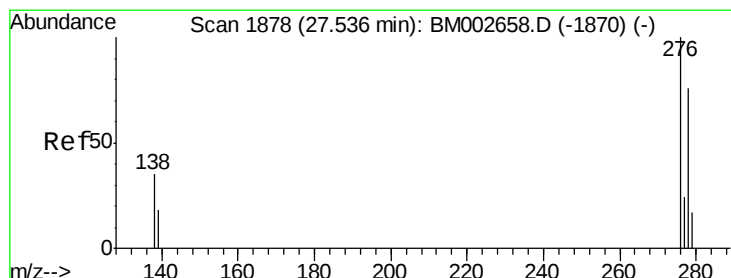
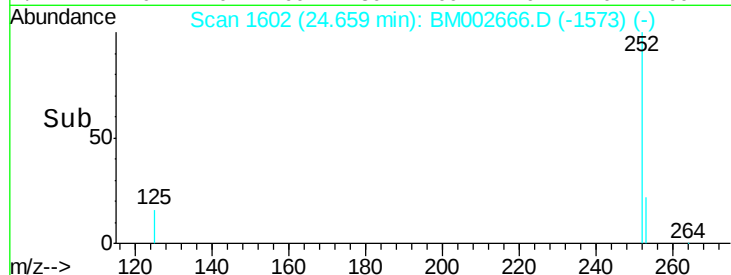
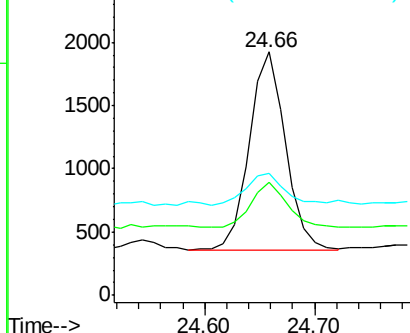
252 100

253 46.3 21.8 32.8#

125 49.9 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: 27.54 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

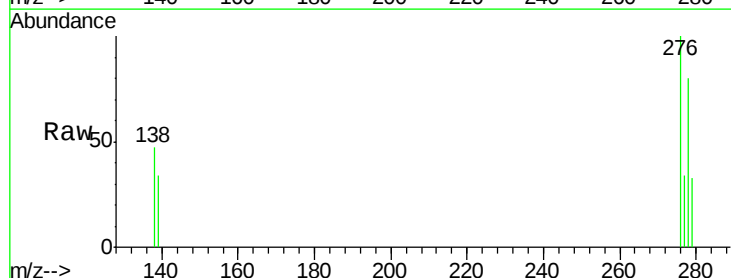
Tgt Ion:276 Resp: 4286

Ion Ratio Lower Upper

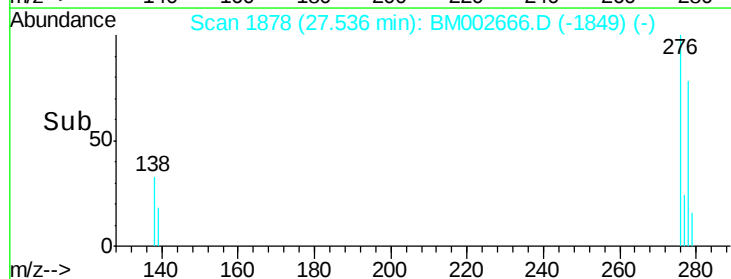
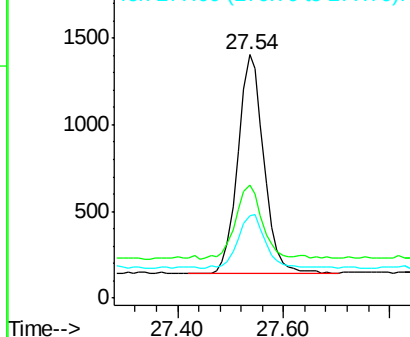
276 100

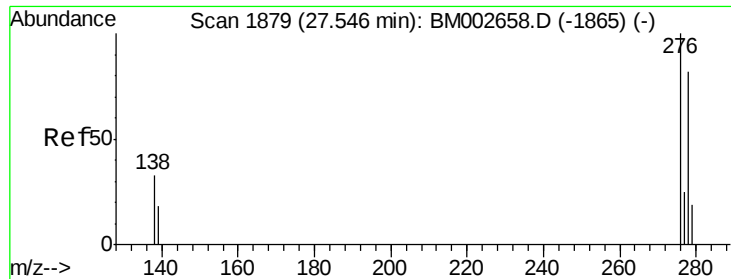
138 34.8 27.5 41.3

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

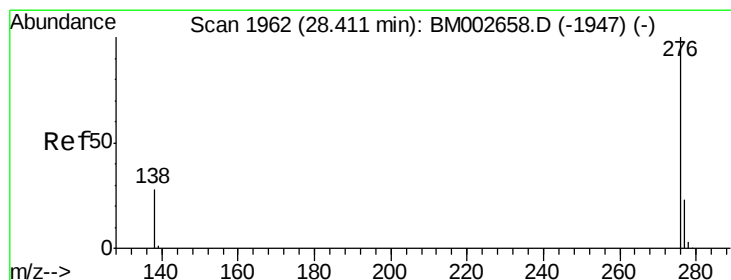
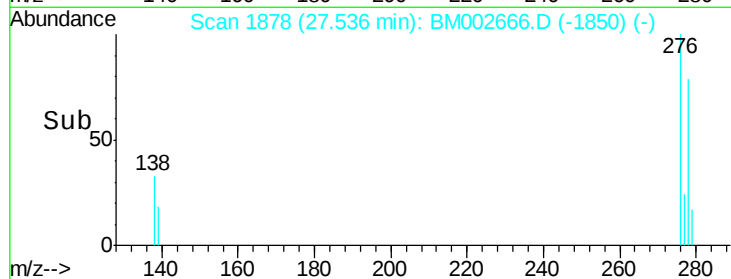
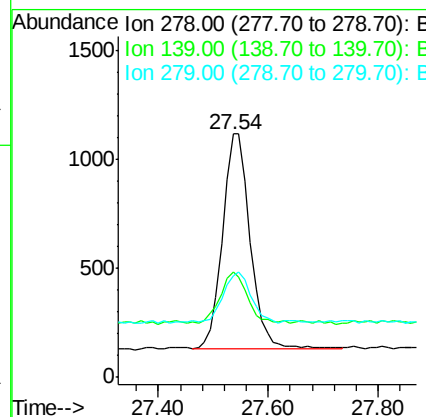
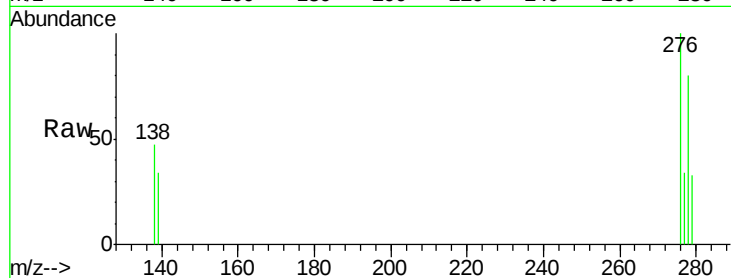




#27
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM002666.D
Acq: 04 Sep 2015 02:13

Instrument :
BNA_M
ClientSampled :
MDL-07-S

Tot Ion:278 Resp: 3426
Ion Ratio Lower Upper
278 100
139 43.1 21.7 32.5#
279 41.8 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 28.40 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM002666.D
Acq: 04 Sep 2015 02:13

Tgt Ion:276 Resp: 3700
Ion Ratio Lower Upper
276 100
277 36.3 21.3 31.9#
138 47.1 25.5 38.3#

