

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
 Data File : BM000622.D
 Acq On : 03 Mar 2015 18:36
 Operator : TP/IZ
 Sample : MDL-BLK-W
 Misc : MDL-WATER-BLK-SBLK30
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Quant Time: Mar 04 03:05:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 02:50:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4484	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	15494	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	7313	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	16716	0.40	ng/ul	0.02
18) Chrysene-d12	21.26	240	9907	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	8098	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	6594	2.02	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	2	0.00	ng/ul	-0.02
16) Fluoranthene-d10	19.10	212	3	0.00	ng/ul	0.01

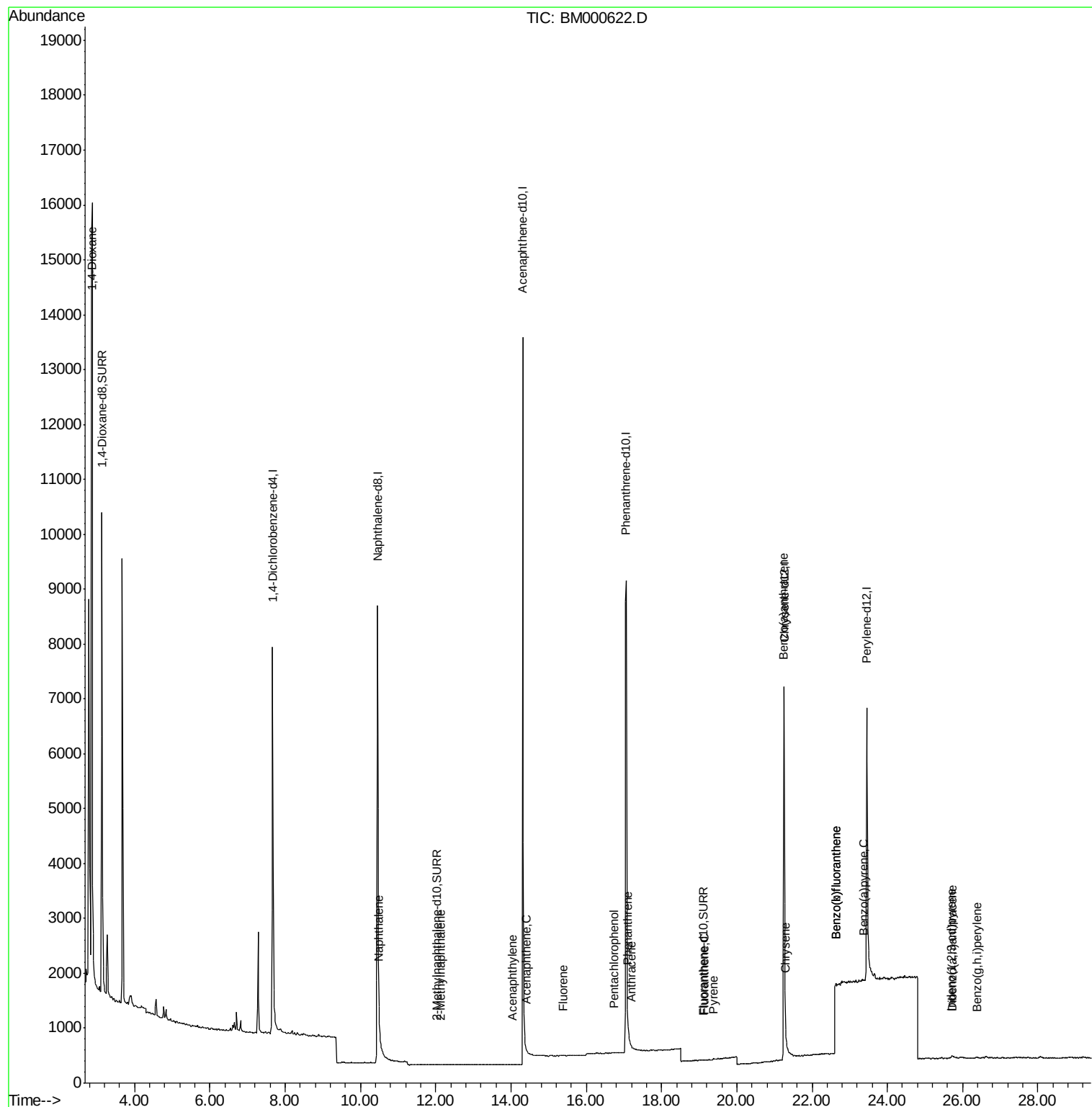
Target Compounds				Qvalue		
3) 1,4-Dioxane	2.87	88	8234	1.62	ng/ul#	1
5) Naphthalene	10.49	128	25	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.12	142	12	0.00	ng/ul#	5
9) Acenaphthylene	14.03	152	6	0.00	ng/ul#	1
10) Acenaphthene	14.41	153	6	0.00	ng/ul#	72
11) Fluorene	15.38	166	13	0.00	ng/ul#	39
13) Pentachlorophenol	16.74	266	6	0.00	ng/ul#	1
14) Phenanthrene	17.10	178	37	0.00	ng/ul#	1
15) Anthracene	17.20	178	18	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	15	0.00	ng/ul#	1
19) Pyrene	19.39	202	4	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	60	0.00	ng/ul#	1
21) Chrysene	21.29	228	66	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.63	252	781	0.03	ng/ul#	1
24) Benzo(k)fluoranthene	22.63	252	781	0.03	ng/ul#	1
25) Benzo(a)pyrene	23.37	252	61	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.71	276	103	0.00	ng/ul#	66
27) Dibenzo(a,h)anthracene	25.73	278	87	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.38	276	78	0.00	ng/ul#	1

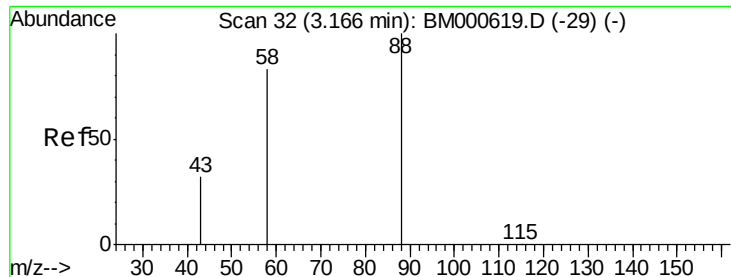
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 02:50:23 2015
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#3

1,4-Dioxane

Concen: 1.62 ng/ul

RT: 2.87 min Scan# 13

Delta R.T. -0.29 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

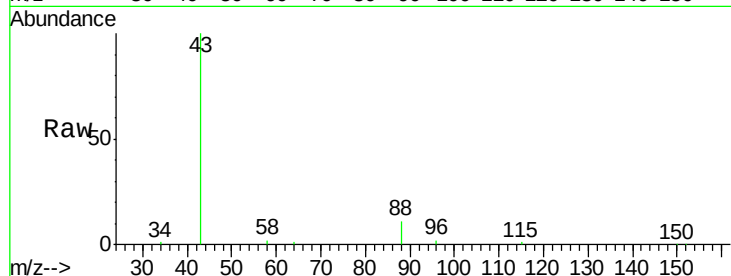
Tgt Ion: 88 Resp: 8234

Ion Ratio Lower Upper

88 100

58 4.4 55.4 83.2#

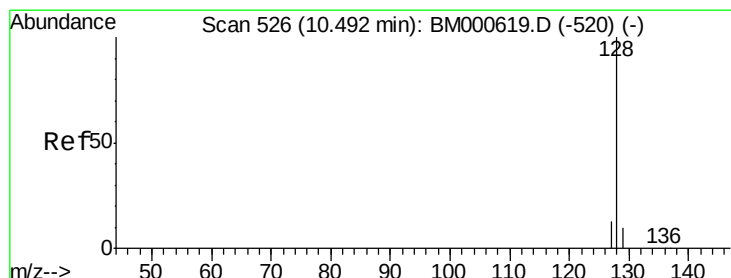
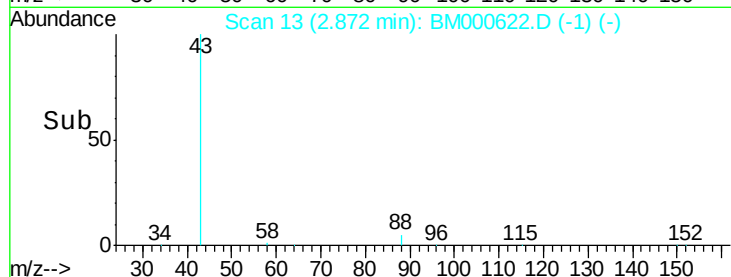
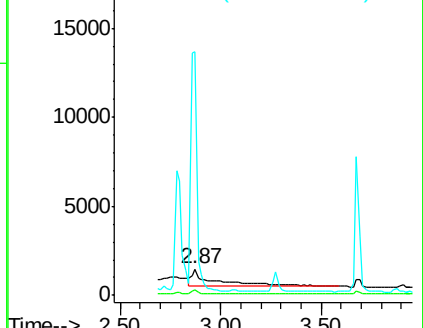
43 339.2 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000619.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000619.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000619.D (-29) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. -0.00 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

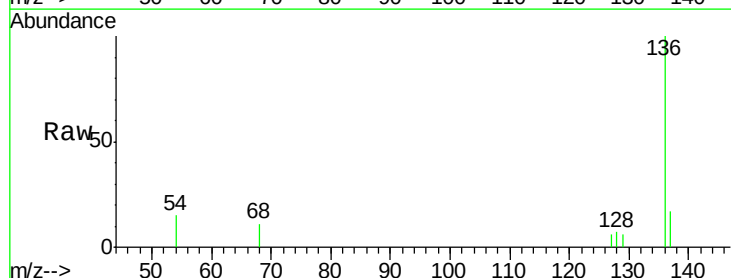
Tgt Ion: 128 Resp: 25

Ion Ratio Lower Upper

128 100

129 85.5 8.5 12.7#

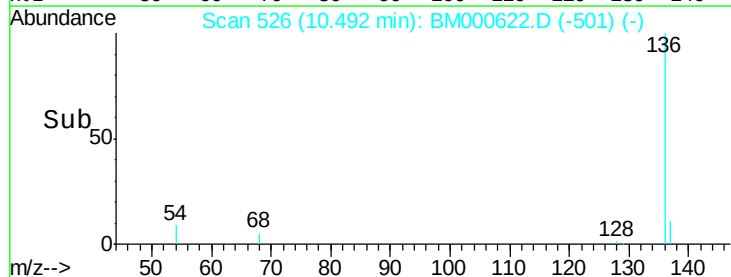
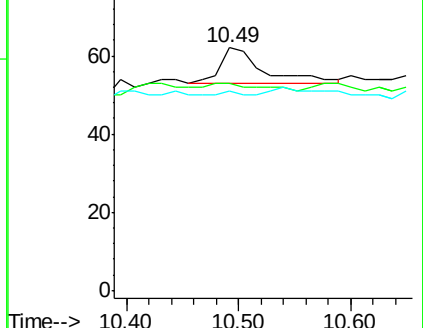
127 82.3 11.0 16.6#

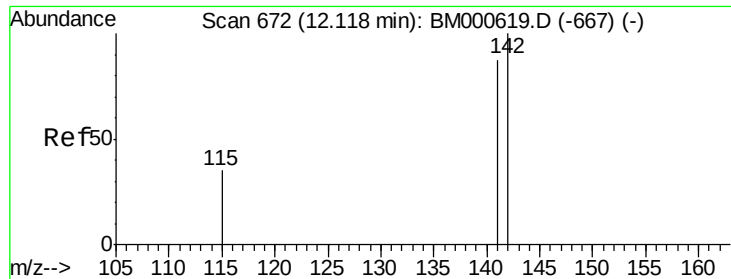


Abundance Ion 128.00 (127.70 to 128.70): BM000619.D (-520) (-)

Ion 129.00 (128.70 to 129.70): BM000619.D (-520) (-)

Ion 127.00 (126.70 to 127.70): BM000619.D (-520) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. -0.00 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

Instrument :

BNA_M

ClientSampleId :

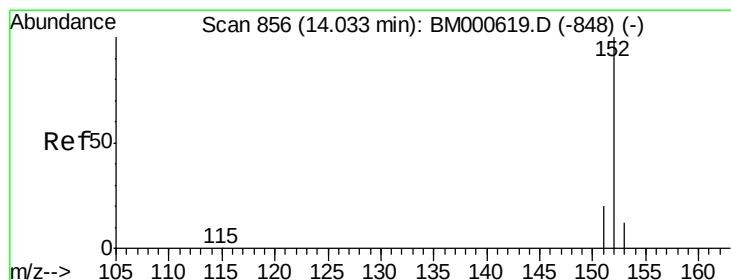
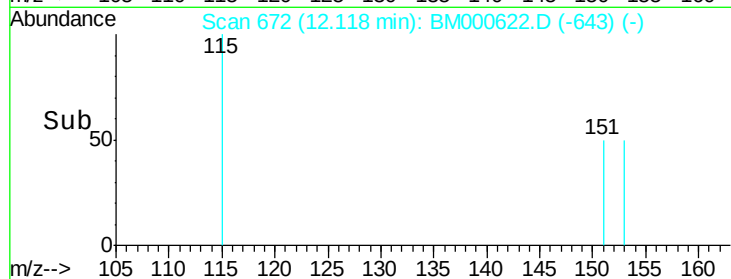
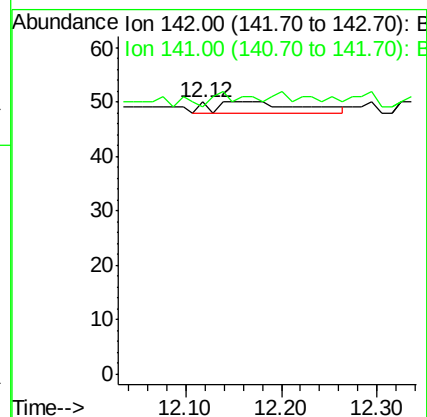
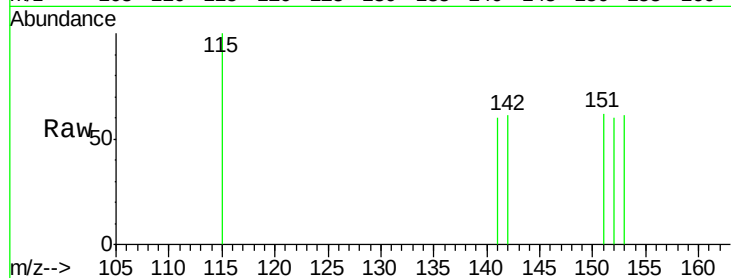
MDL-BLK-W

Tgt Ion:142 Resp: 12

Ion Ratio Lower Upper

142 100

141 0.0 70.6 106.0#



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

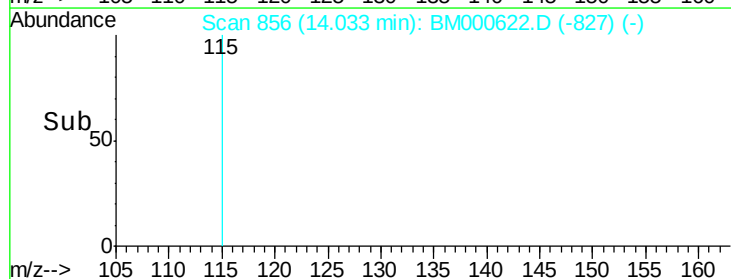
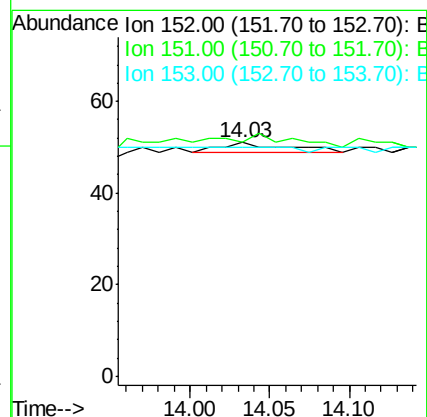
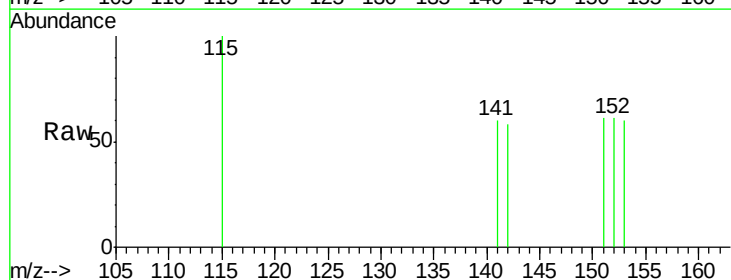
Tgt Ion:152 Resp: 6

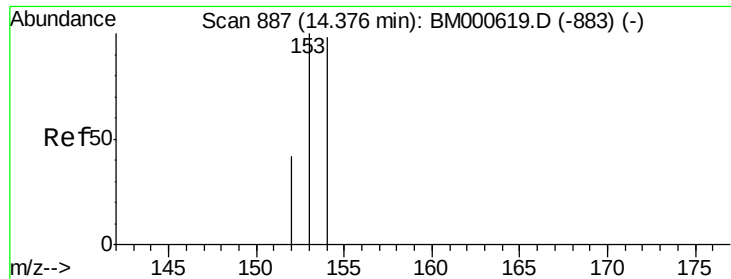
Ion Ratio Lower Upper

152 100

151 100.0 16.0 24.0#

153 98.0 10.2 15.4#





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.41 min Scan# 889

Delta R.T. 0.03 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

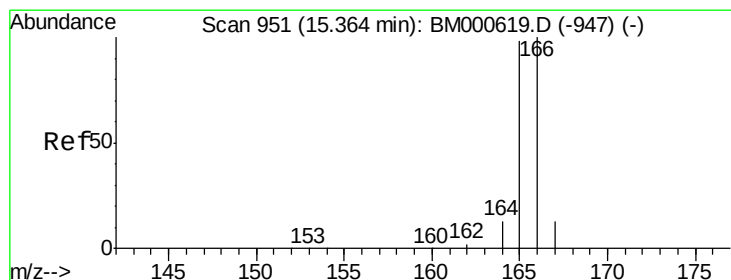
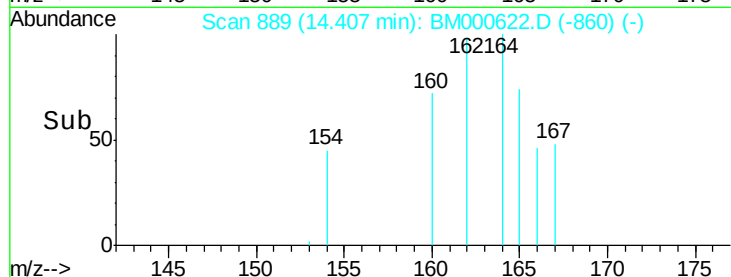
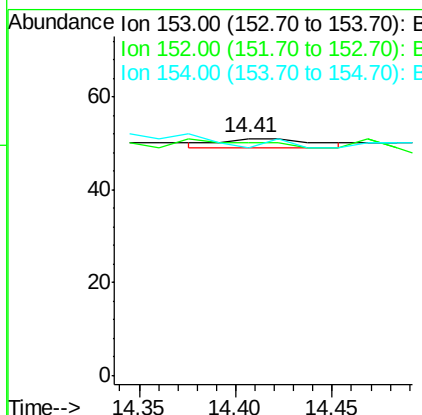
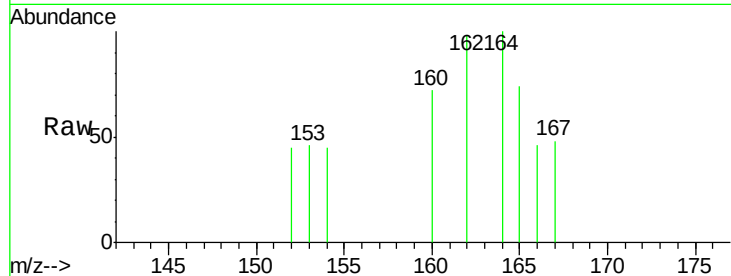
Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

Tgt Ion:	153	Resp:	6
Ion	Ratio	Lower	Upper
153	100		
152	98.0	34.2	51.2#
154	96.1	78.8	118.2



#11

Fluorene

Concen: 0.00 ng/ul

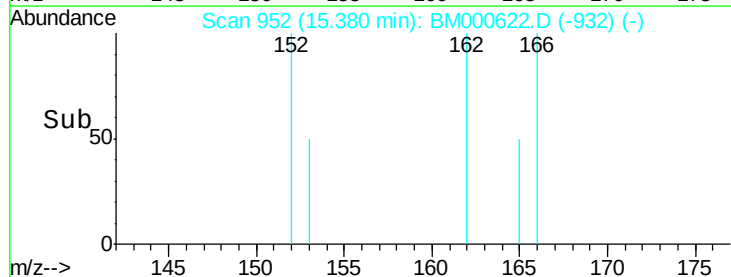
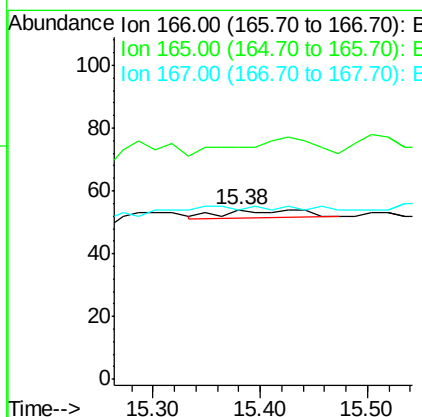
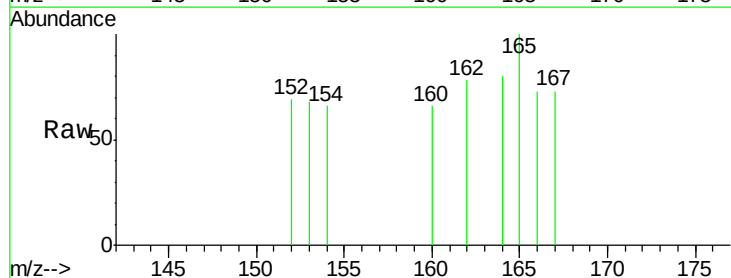
RT: 15.38 min Scan# 952

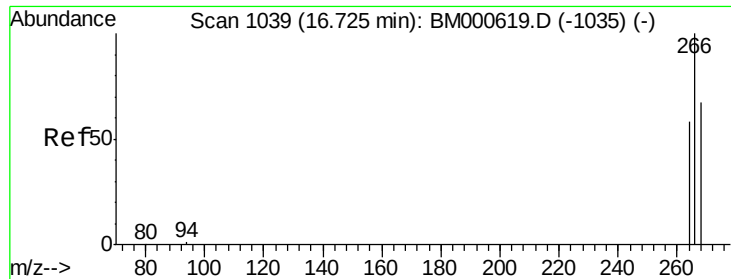
Delta R.T. 0.02 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

Tgt Ion:	166	Resp:	13
Ion	Ratio	Lower	Upper
166	100		
165	137.0	78.5	117.7#
167	100.0	10.6	16.0#





#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.74 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

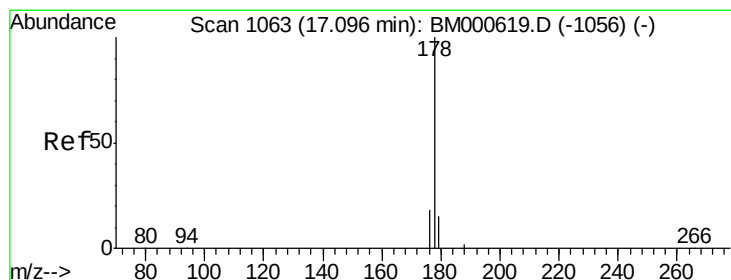
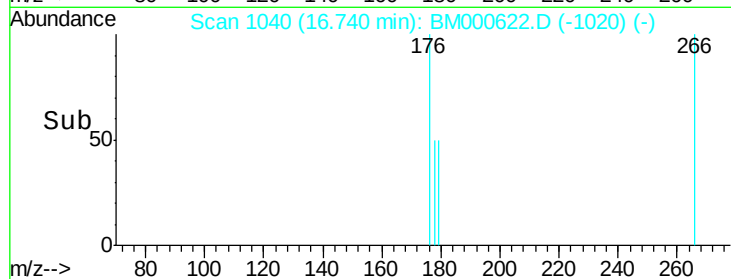
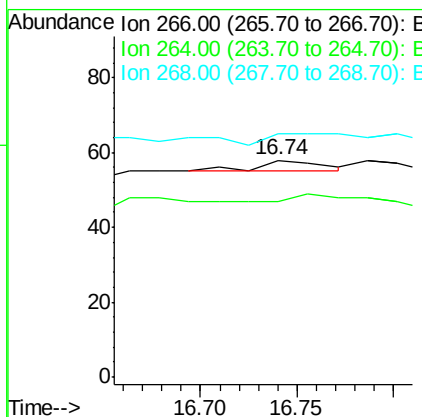
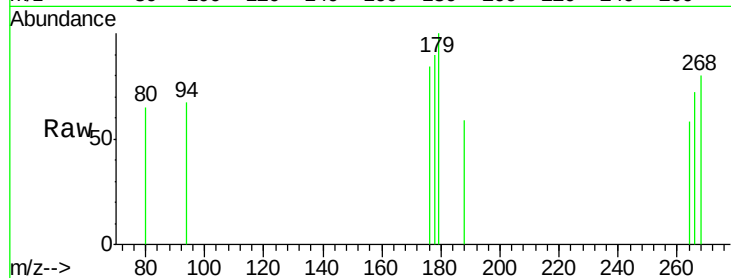
Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	66.7	51.0	76.4
268	350.0	49.4	74.2#



#14

Phenanthrene

Concen: 0.00 ng/ul

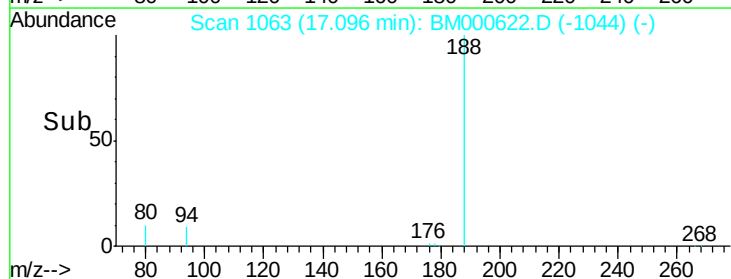
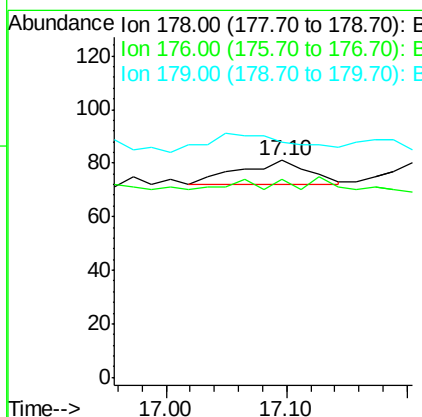
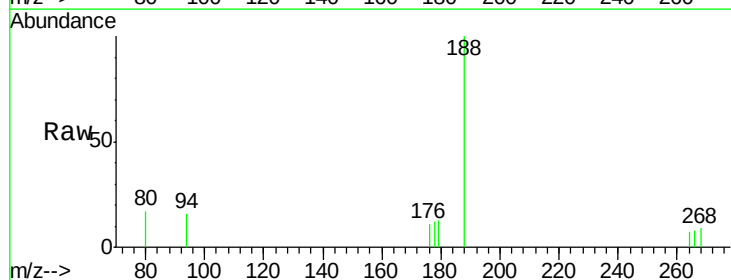
RT: 17.10 min Scan# 1063

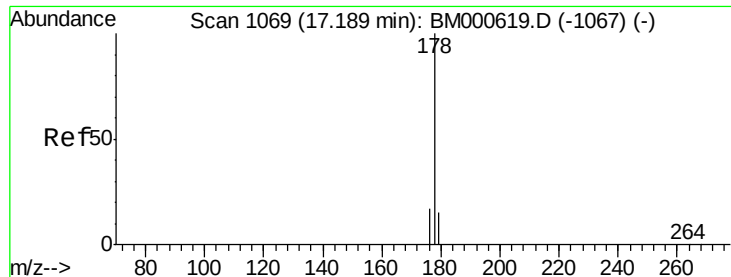
Delta R.T. -0.00 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

Tgt Ion:	178	Resp:	37
Ion	Ratio	Lower	Upper
178	100		
176	91.4	14.8	22.2#
179	108.6	12.7	19.1#





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.20 min Scan# 1070

Delta R.T. 0.02 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

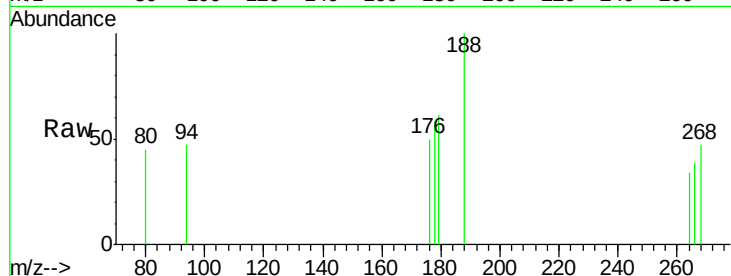
Tgt Ion:178 Resp: 18

Ion Ratio Lower Upper

178 100

176 86.3 14.2 21.4#

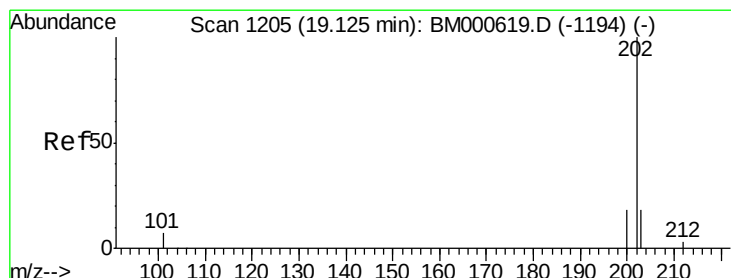
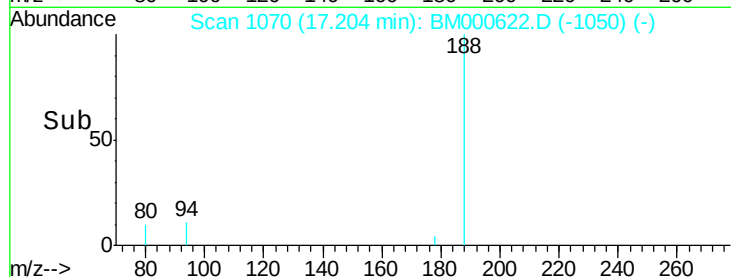
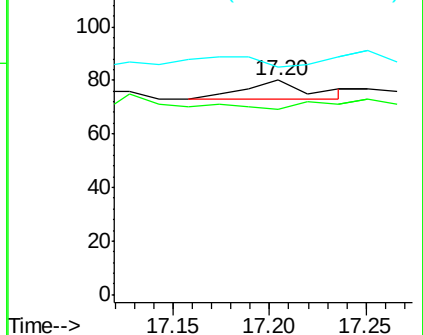
179 106.3 12.8 19.2#



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



#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.14 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

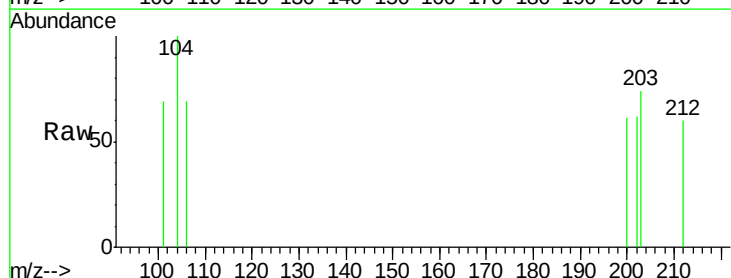
Tgt Ion:202 Resp: 15

Ion Ratio Lower Upper

202 100

101 111.3 0.0 27.0#

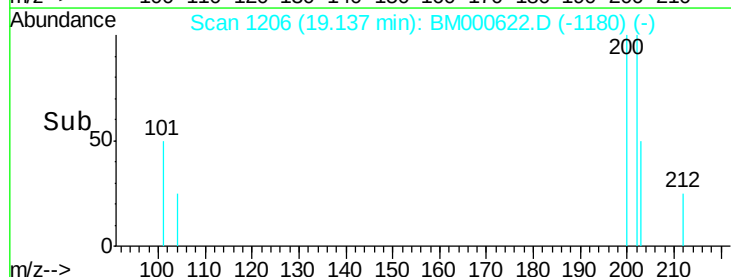
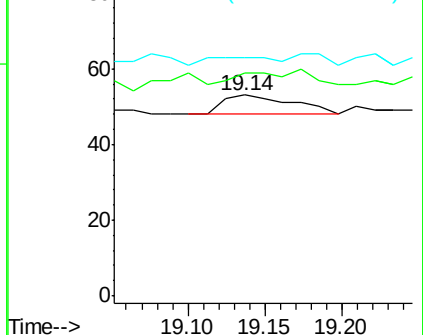
203 118.9 0.0 38.5#

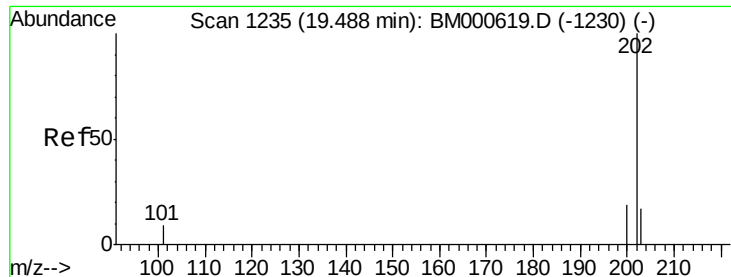


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.00 ng/ul

RT: 19.39 min Scan# 1227

Delta R.T. -0.10 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

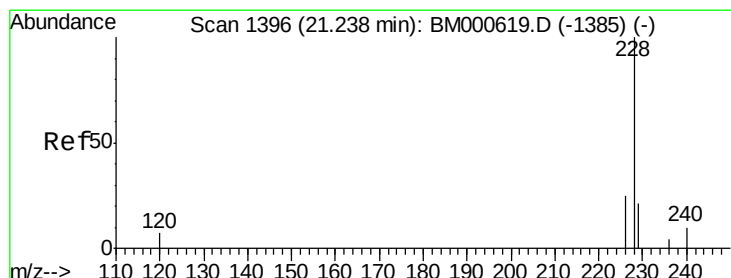
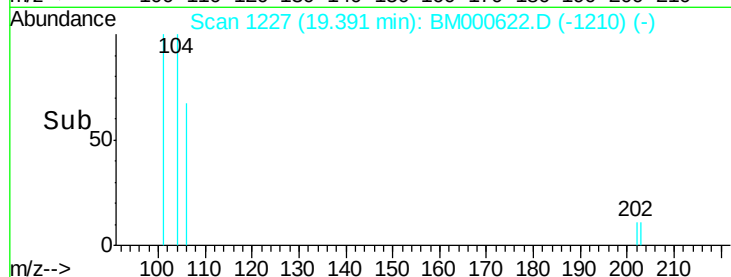
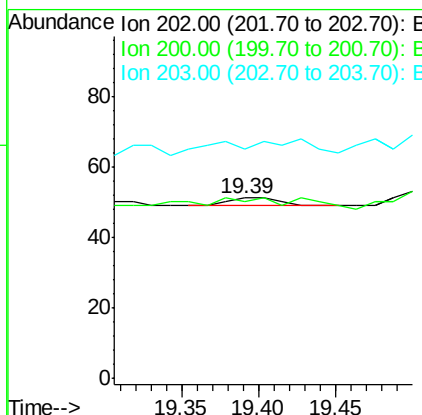
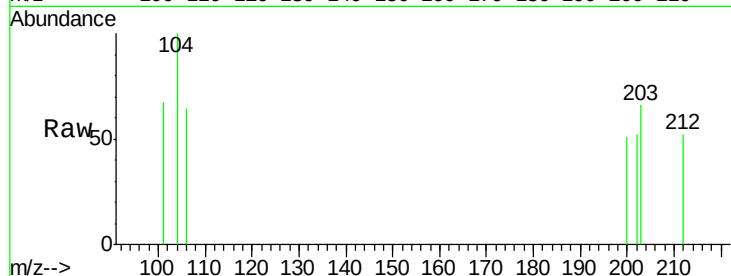
Instrument :

BNA_M

ClientSampled :

MDL-BLK-W

Tgt Ion:	202	Resp:	4
Ion	Ratio	Lower	Upper
202	100		
200	98.0	15.5	23.3#
203	127.5	14.2	21.2#



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

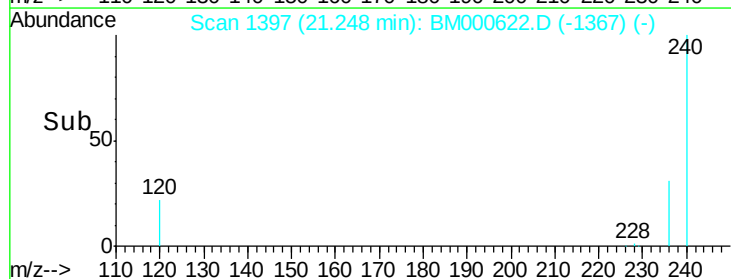
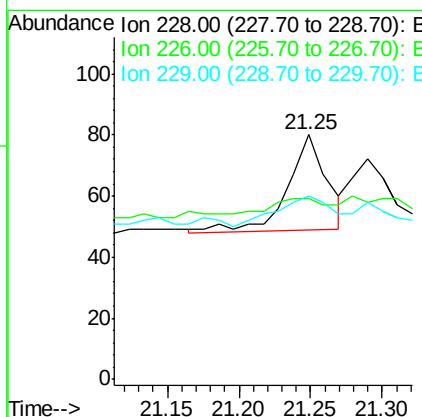
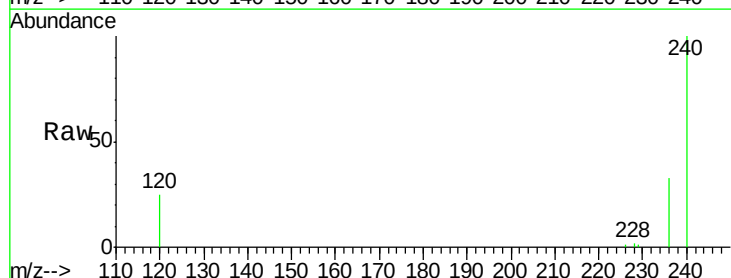
RT: 21.25 min Scan# 1397

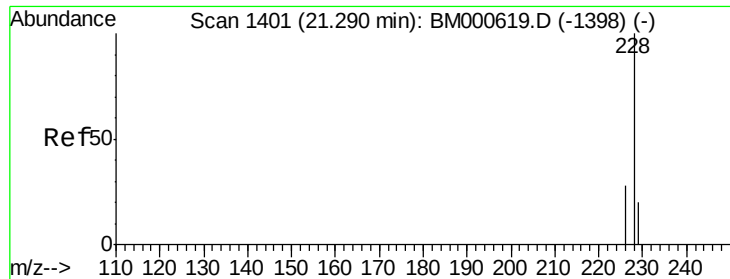
Delta R.T. 0.01 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

Tgt Ion:	228	Resp:	60
Ion	Ratio	Lower	Upper
228	100		
226	73.8	20.0	30.0#
229	75.0	16.7	25.1#





#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.29 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

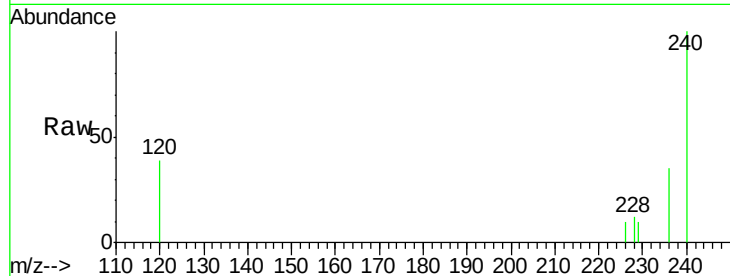
Tgt Ion:228 Resp: 66

Ion Ratio Lower Upper

228 100

226 80.6 22.6 33.8#

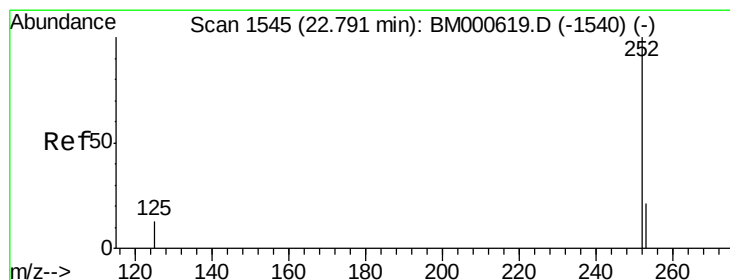
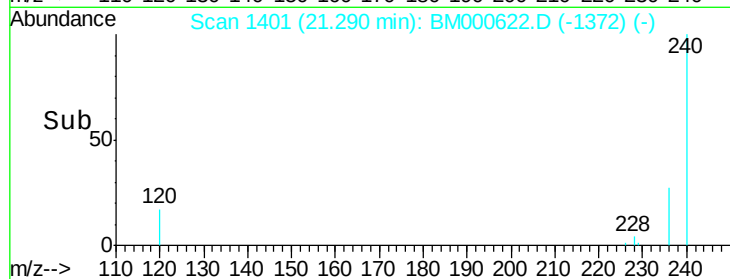
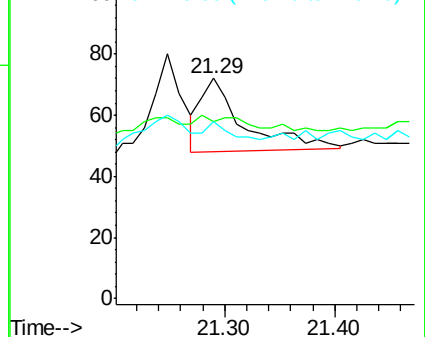
229 80.6 16.4 24.6#



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: 0.03 ng/ul

RT: 22.63 min Scan# 1530

Delta R.T. -0.16 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

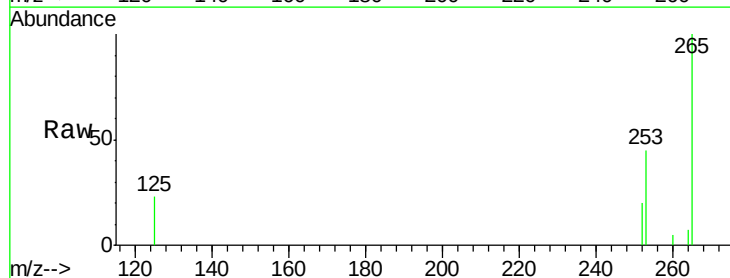
Tgt Ion:252 Resp: 781

Ion Ratio Lower Upper

252 100

253 221.9 0.0 51.2#

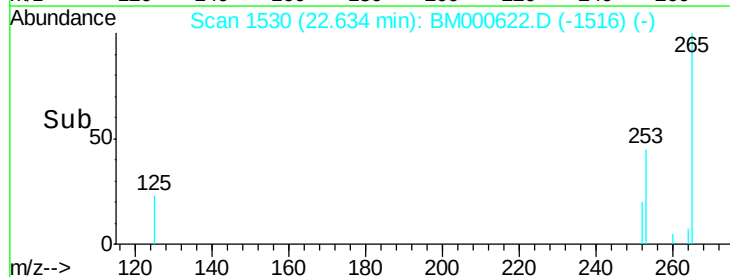
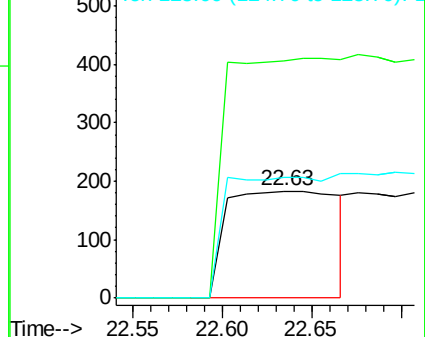
125 113.1 0.0 30.0#

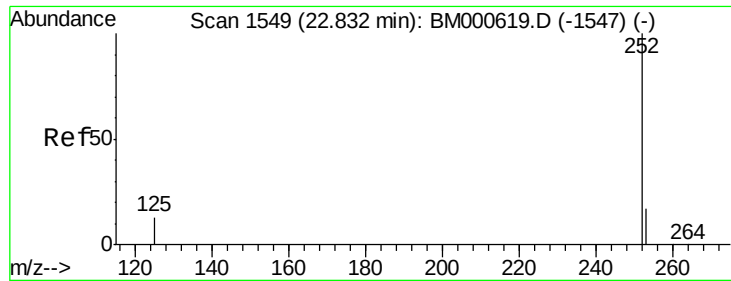


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 22.63 min Scan# 1530

Delta R.T. -0.20 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

Instrument :

BNA_M

ClientSampled :

MDL-BLK-W

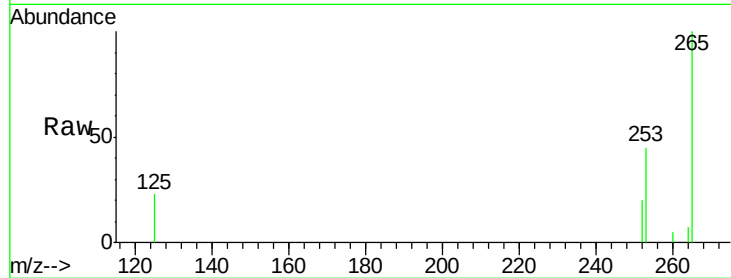
Tgt Ion: 252 Resp: 781

Ion Ratio Lower Upper

252 100

253 221.9 20.5 30.7#

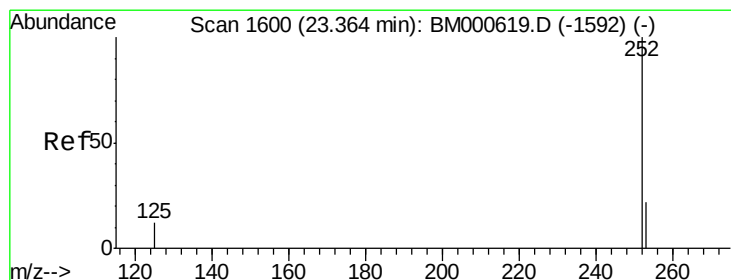
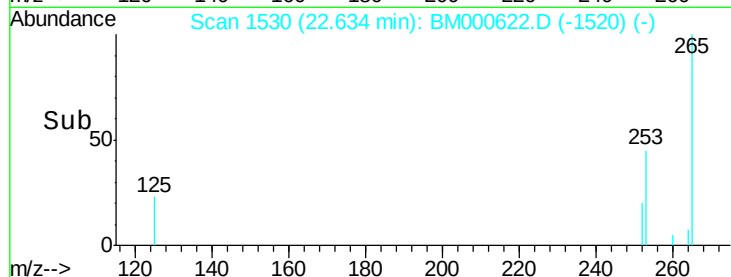
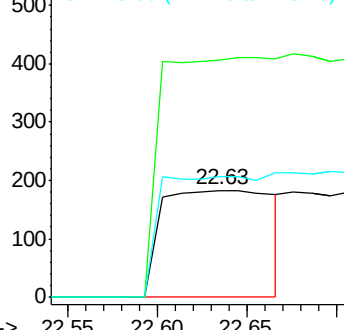
125 113.1 11.8 17.6#



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



#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.37 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

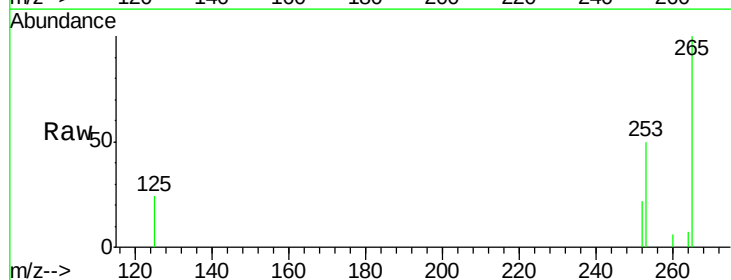
Tgt Ion: 252 Resp: 61

Ion Ratio Lower Upper

252 100

253 224.4 23.4 35.0#

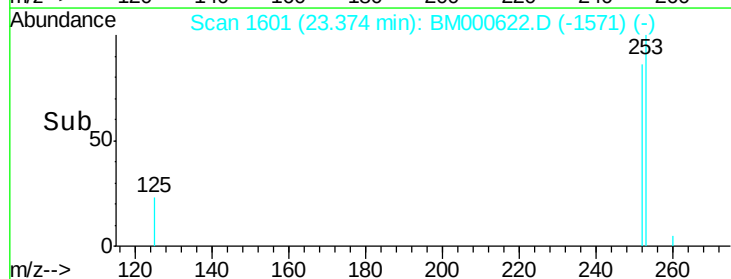
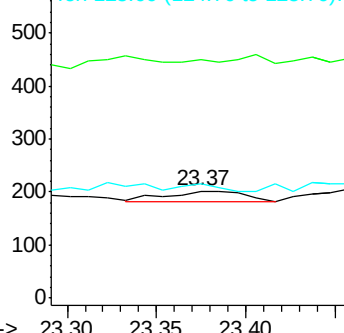
125 107.5 12.2 18.4#

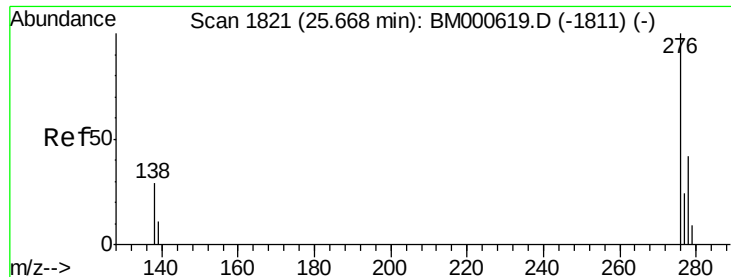


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.71 min Scan# 1825

Delta R.T. 0.04 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

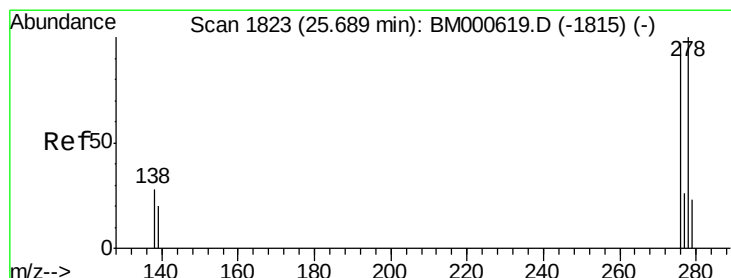
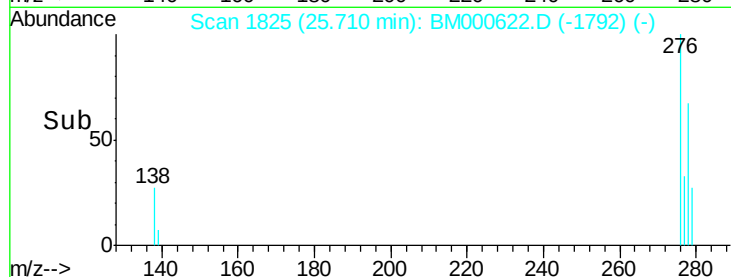
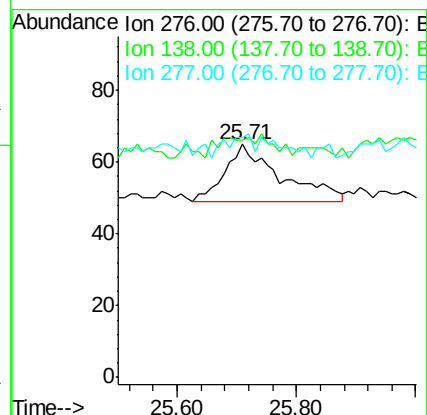
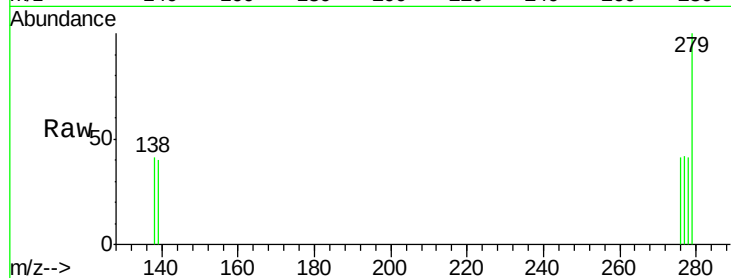
Tgt Ion:276 Resp: 103

Ion Ratio Lower Upper

276 100

138 0.0 23.8 35.8#

277 20.4 19.7 29.5



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.73 min Scan# 1827

Delta R.T. 0.04 min

Lab File: BM000622.D

Acq: 03 Mar 2015 18:36

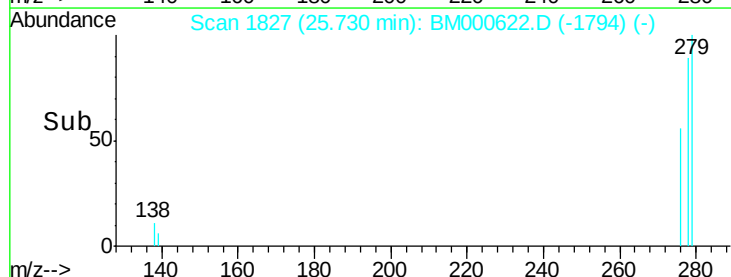
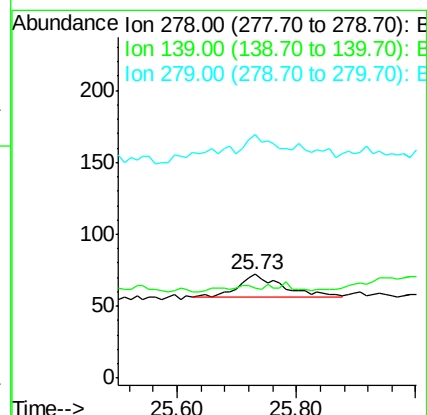
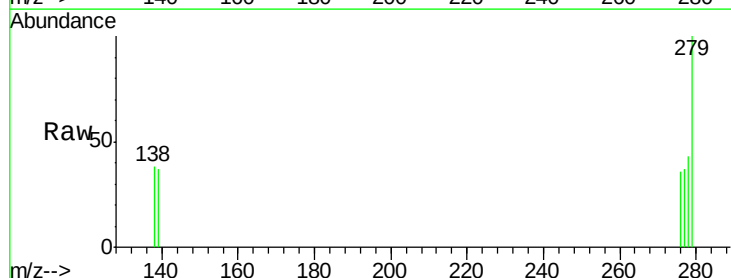
Tgt Ion:278 Resp: 87

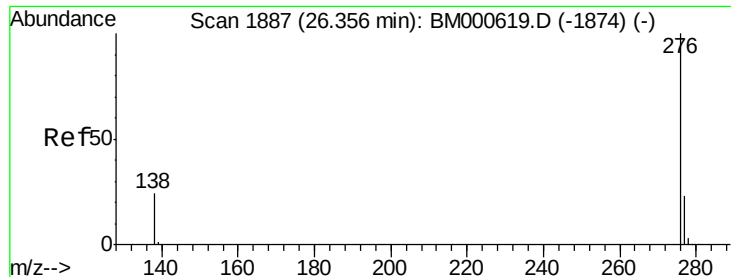
Ion Ratio Lower Upper

278 100

139 87.5 17.0 25.6#

279 234.7 22.3 33.5#





#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.38 min Scan# 1889

Delta R.T. 0.02 min

Lab File: BM000622.D

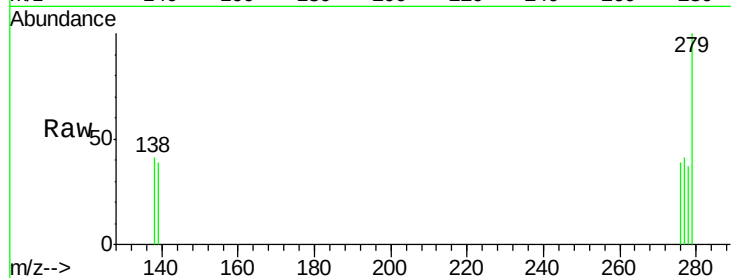
Acq: 03 Mar 2015 18:36

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W



Tgt Ion: 276 Resp: 78

Ion Ratio Lower Upper

276 100

277 106.5 19.9 29.9#

138 106.5 20.6 30.8#

