

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000481.D
 Acq On : 11 Feb 2015 14:42
 Operator : TP/IZ
 Sample : PB81628BL
 Misc : SBLK15
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK15

Quant Time: Feb 11 23:58:43 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 11 14:38:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2457	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	7936	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	5287	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	10015	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	7681	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	6396	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	4318	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	9179	0.41	ng/ul	0.00

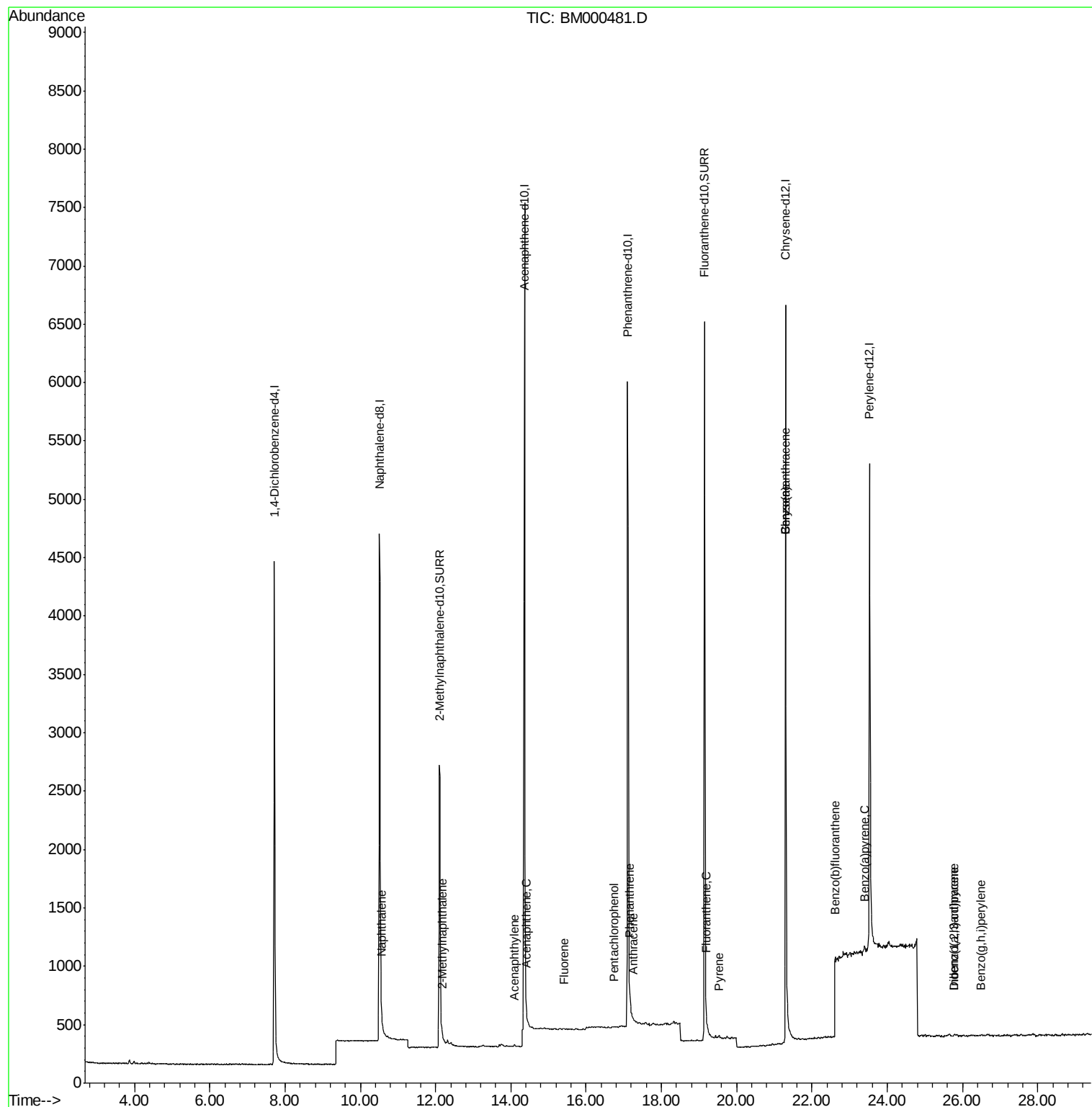
Target Compounds						Qvalue
3) Naphthalene	10.55	128	46	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.18	142	26	0.00	ng/ul	88
7) Acenaphthylene	14.10	152	22	0.00	ng/ul#	1
8) Acenaphthene	14.41	153	9	0.00	ng/ul#	60
9) Fluorene	15.42	166	10	0.00	ng/ul#	56
11) Pentachlorophenol	16.73	266	6	0.01	ng/ul#	19
12) Phenanthrene	17.15	178	37	0.00	ng/ul#	1
13) Anthracene	17.26	178	19	0.00	ng/ul#	1
15) Fluoranthene	19.18	202	46	0.00	ng/ul#	1
17) Pyrene	19.54	202	33	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.29	228	69	0.00	ng/ul#	1
19) Chrysene	21.29	228	69	0.00	ng/ul#	1
21) Benzo(b)fluoranthene	22.62	252	314	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.40	252	8	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.77	276	25	0.00	ng/ul#	53
25) Dibenzo(a,h)anthracene	25.77	278	6	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.48	276	31	0.00	ng/ul#	1

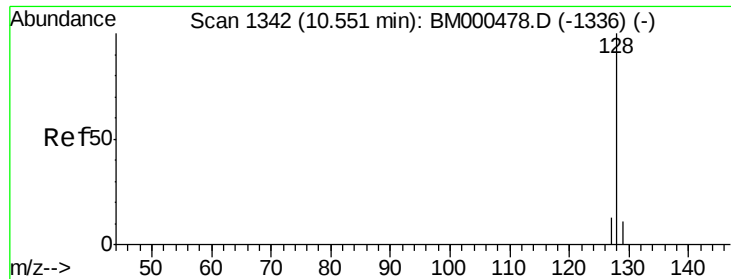
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000481.D
Acq On : 11 Feb 2015 14:42
Operator : TP/IZ
Sample : PB81628BL
Misc : SBLK15
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK15

Quant Time: Feb 11 23:58:43 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 14:38:48 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.55 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

Instrument :

BNA_M

ClientSampleId :

SBLK15

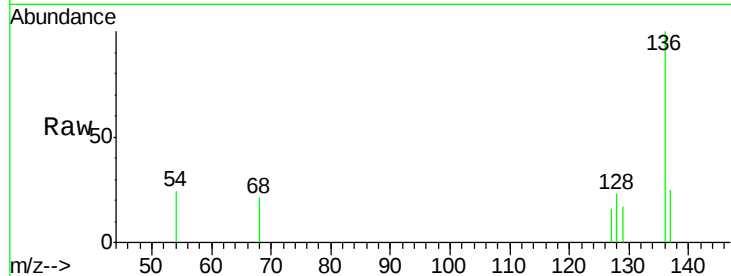
Tgt Ion:128 Resp: 46

Ion Ratio Lower Upper

128 100

129 74.3 9.2 13.8#

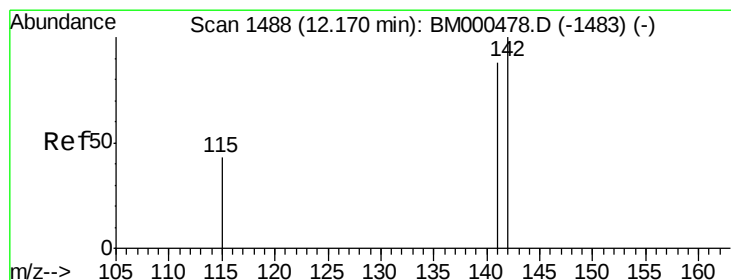
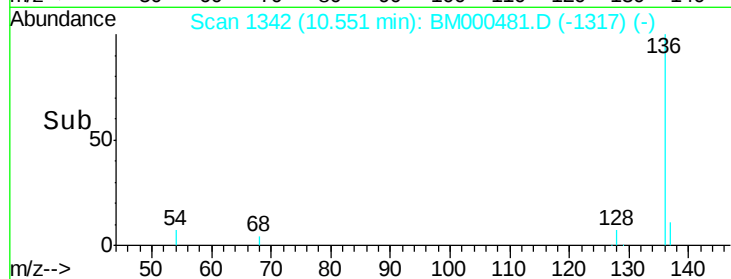
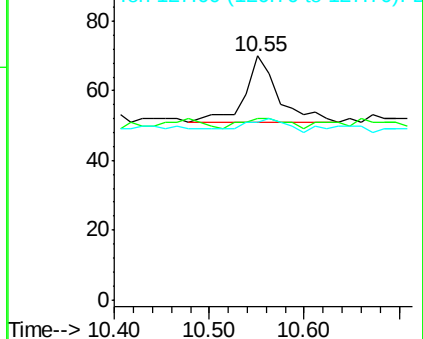
127 72.9 11.2 16.8#



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



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.18 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BM000481.D

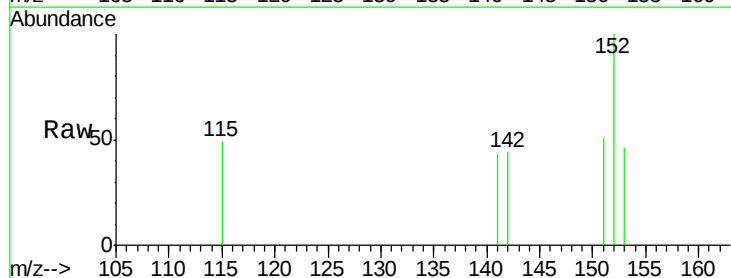
Acq: 11 Feb 2015 14:42

Tgt Ion:142 Resp: 26

Ion Ratio Lower Upper

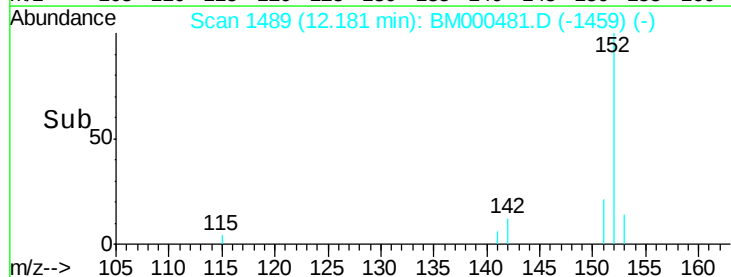
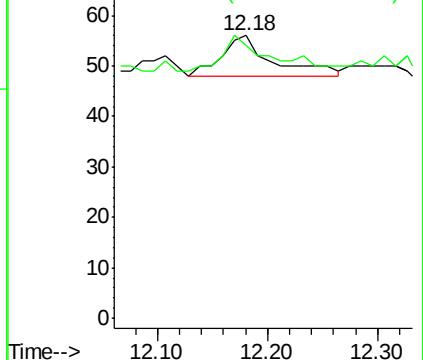
142 100

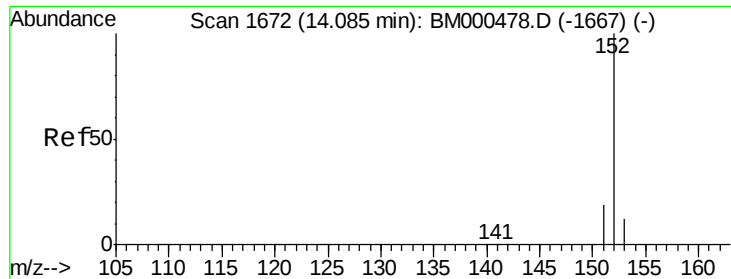
141 76.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. 0.01 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

Instrument :

BNA_M

ClientSampleId :

SBLK15

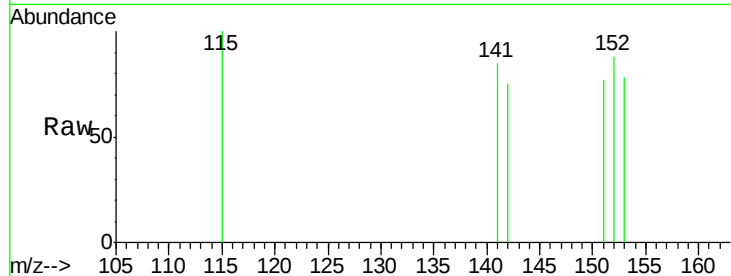
Tgt Ion:152 Resp: 22

Ion Ratio Lower Upper

152 100

151 87.7 16.1 24.1#

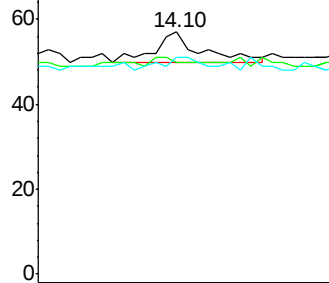
153 89.5 10.6 15.8#



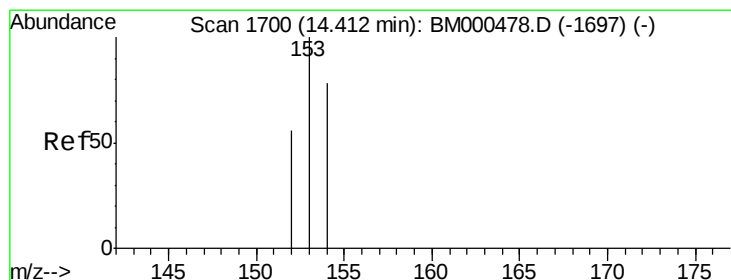
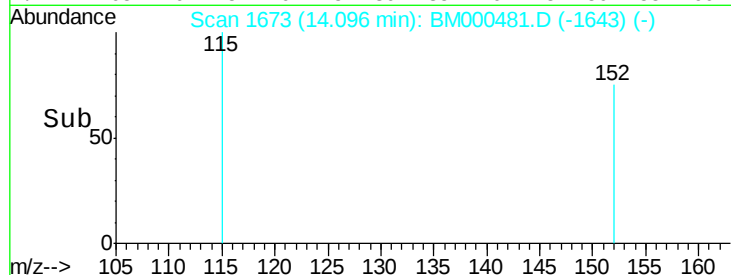
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 14.00 14.10 14.20



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. 0.00 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

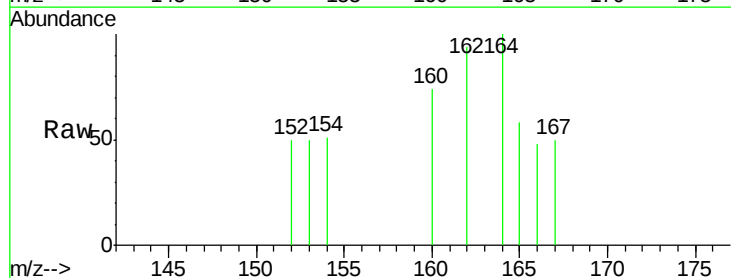
Tgt Ion:153 Resp: 9

Ion Ratio Lower Upper

153 100

152 100.0 45.6 68.4#

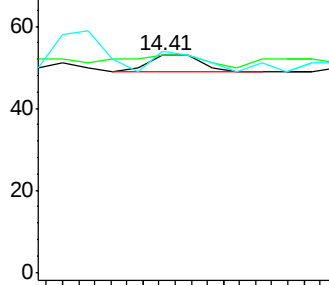
154 101.9 62.5 93.7#



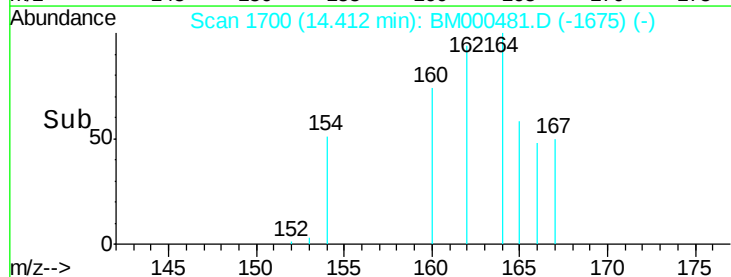
Abundance Ion 153.00 (152.70 to 153.70): E

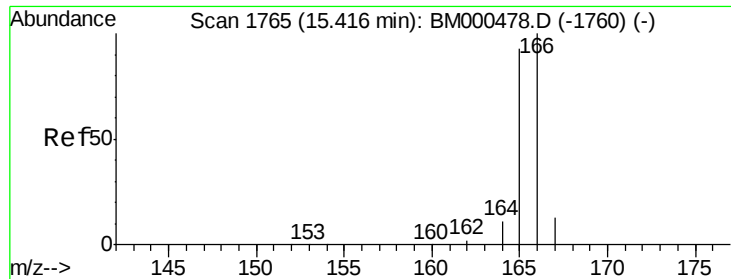
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time--> 14.35 14.40 14.45 14.50





#9

Fluorene

Concen: 0.00 ng/ul

RT: 15.42 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

Instrument :

BNA_M

ClientSampleId :

SBLK15

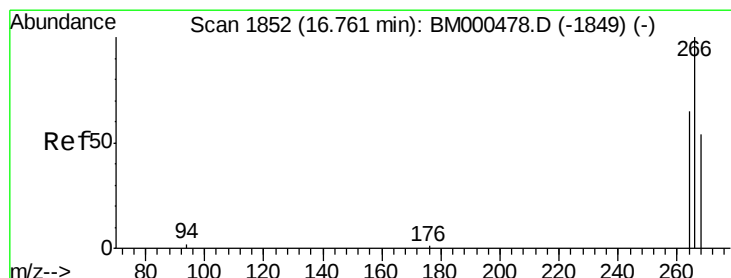
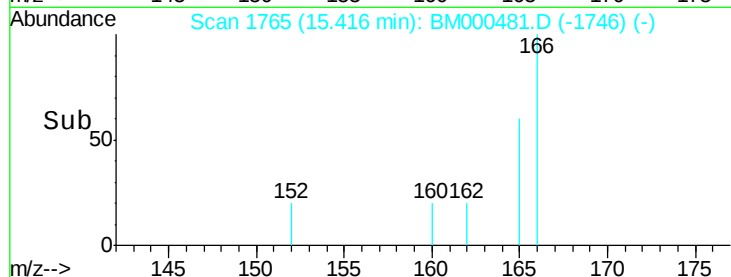
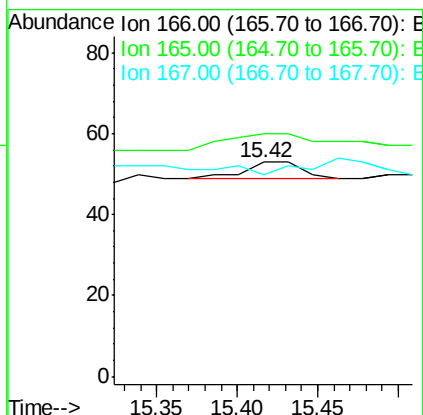
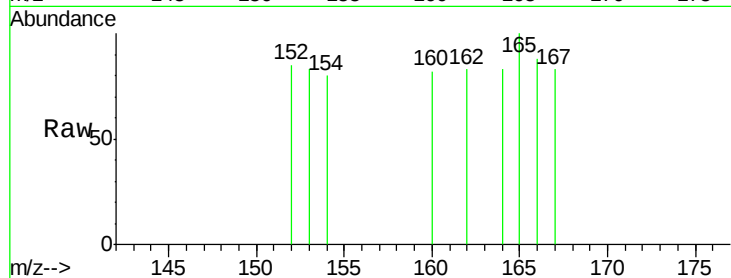
Tgt Ion:166 Resp: 10

Ion Ratio Lower Upper

166 100

165 113.2 74.4 111.6#

167 94.3 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 16.73 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

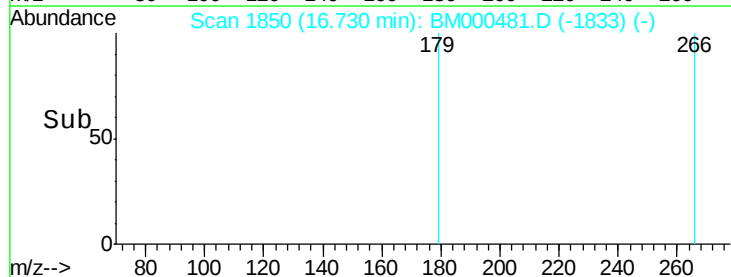
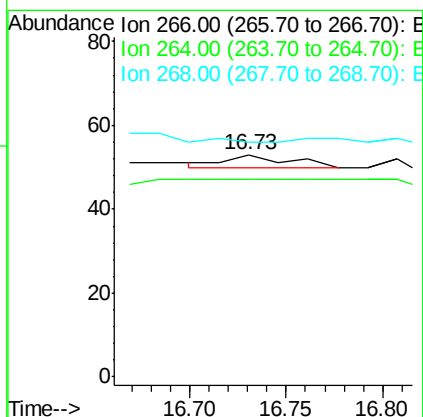
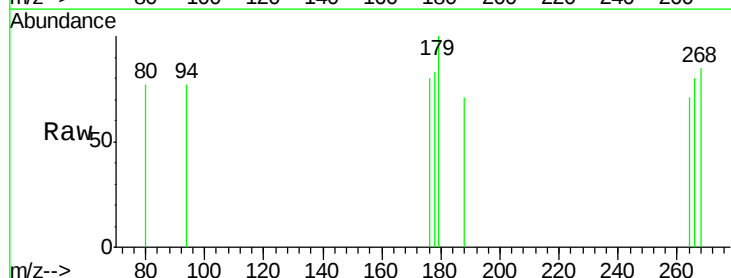
Tgt Ion:266 Resp: 6

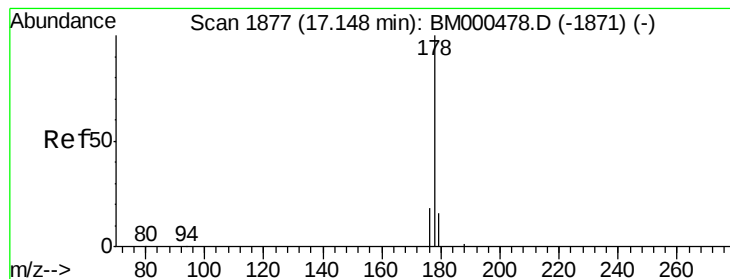
Ion Ratio Lower Upper

266 100

264 0.0 49.8 74.6#

268 0.0 51.2 76.8#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.15 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

Instrument :

BNA_M

ClientSampleId :

SBLK15

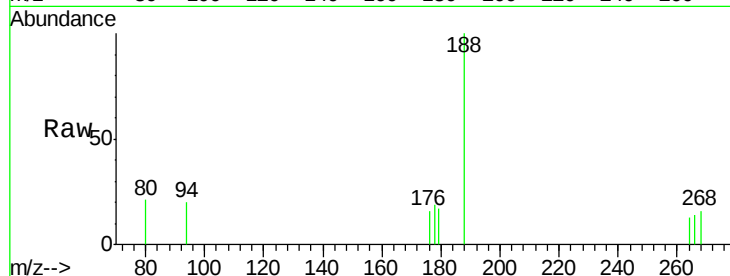
Tgt Ion:178 Resp: 37

Ion Ratio Lower Upper

178 100

176 81.4 15.0 22.4#

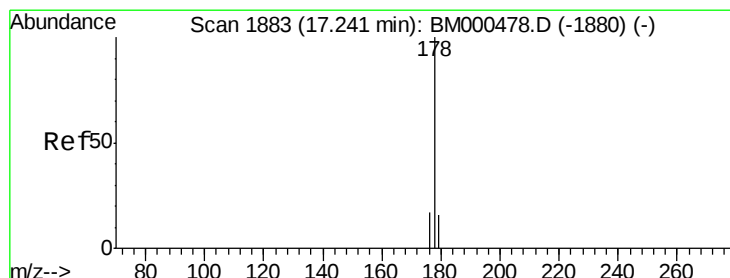
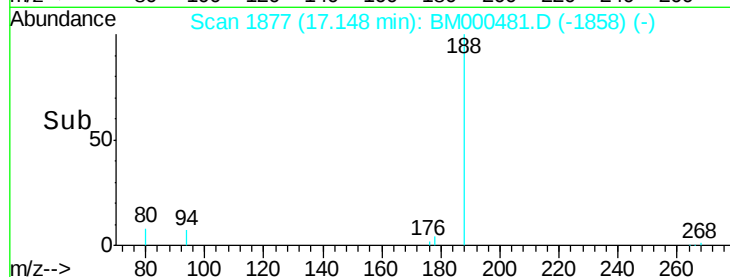
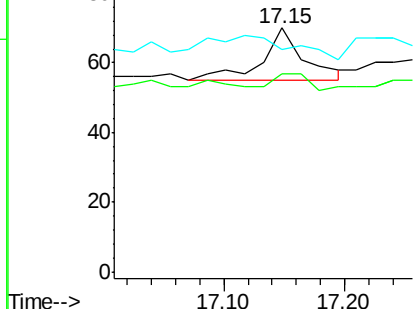
179 91.4 13.0 19.4#



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



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.02 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

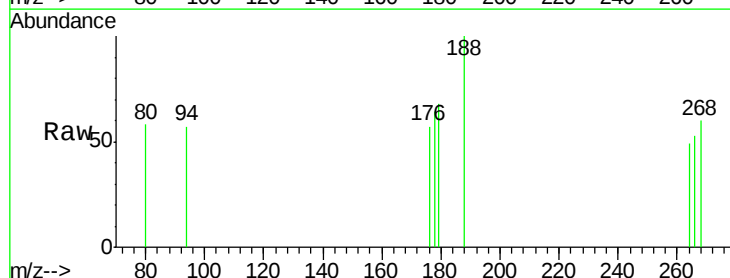
Tgt Ion:178 Resp: 19

Ion Ratio Lower Upper

178 100

176 90.2 13.9 20.9#

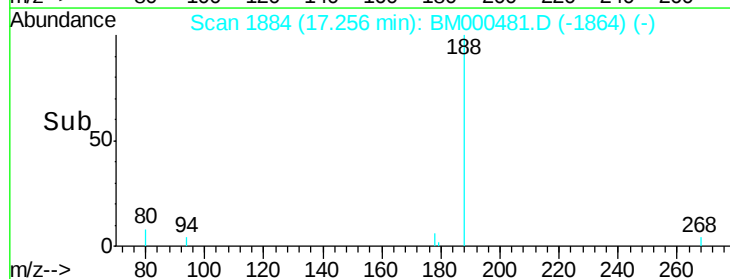
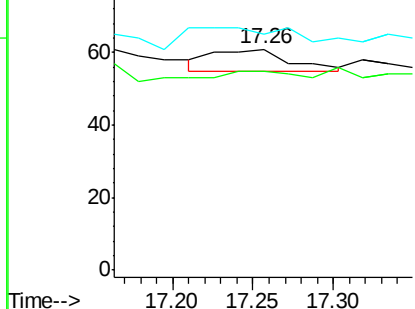
179 106.6 13.2 19.8#

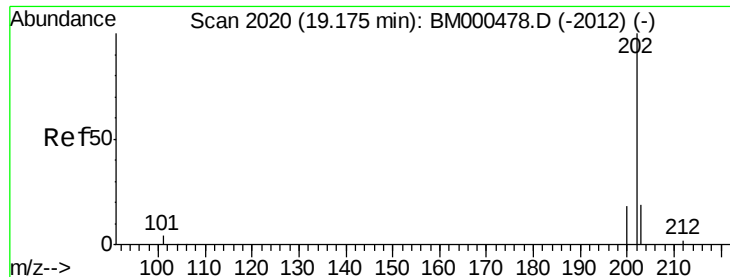


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.18 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

Instrument :

BNA_M

ClientSampleId :

SBLK15

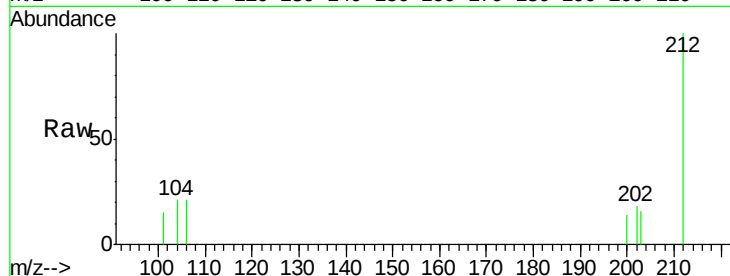
Tgt Ion:202 Resp: 46

Ion Ratio Lower Upper

202 100

101 81.3 0.0 24.6#

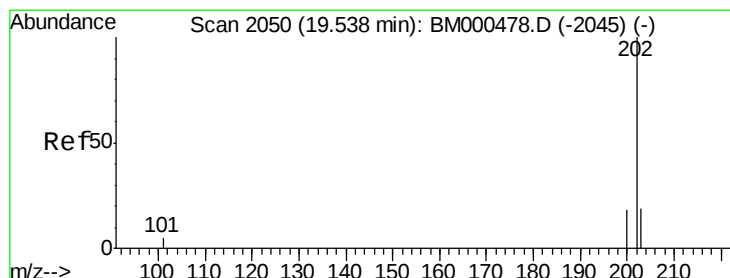
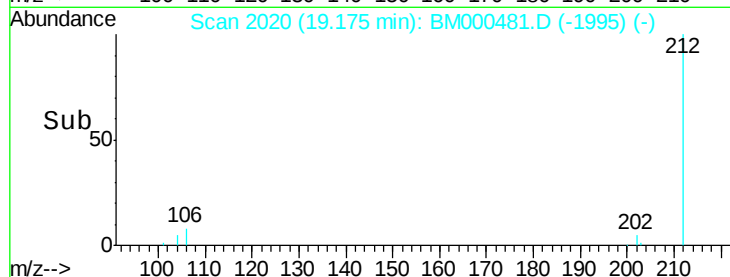
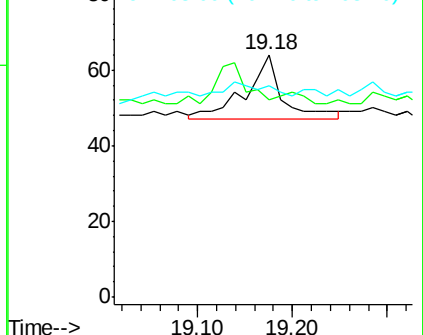
203 87.5 0.0 39.2#



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



#17

Pyrene

Concen: 0.00 ng/ul

RT: 19.54 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

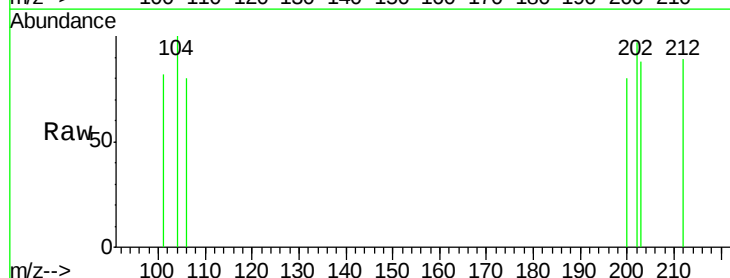
Tgt Ion:202 Resp: 33

Ion Ratio Lower Upper

202 100

200 82.8 14.9 22.3#

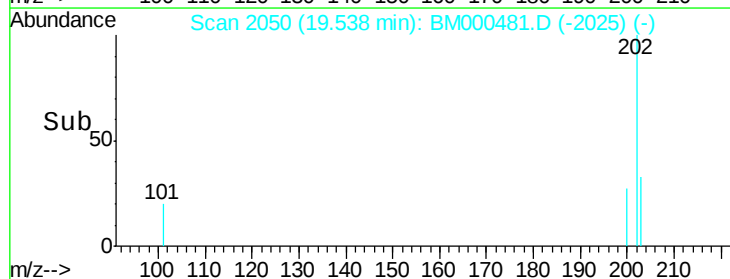
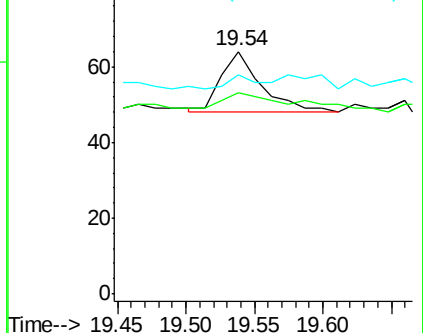
203 90.6 15.4 23.0#

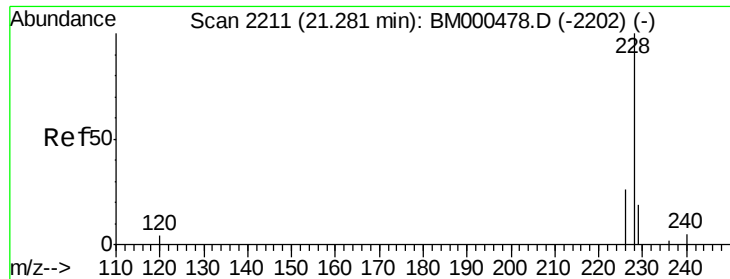


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

Instrument :

BNA_M

ClientSampleId :

SBLK15

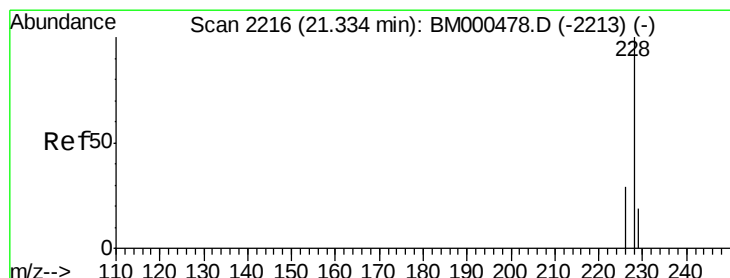
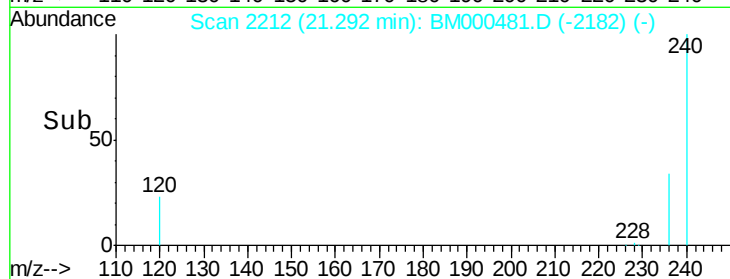
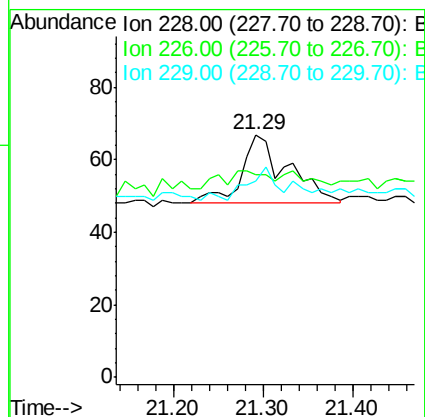
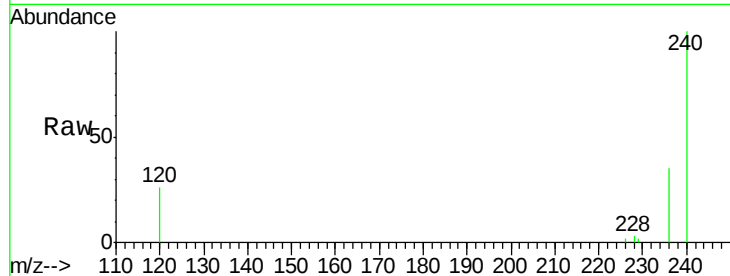
Tgt Ion:228 Resp: 69

Ion Ratio Lower Upper

228 100

226 83.6 21.4 32.0#

229 80.6 15.6 23.4#



#19

Chrysene

Concen: 0.00 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. -0.04 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

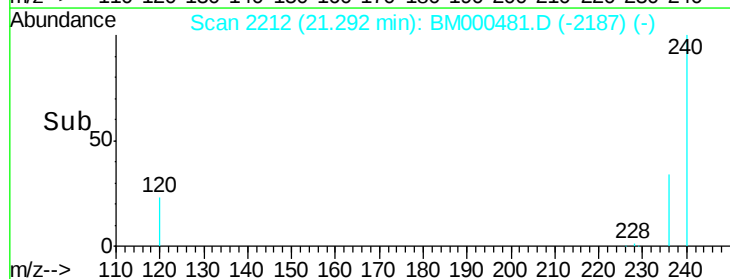
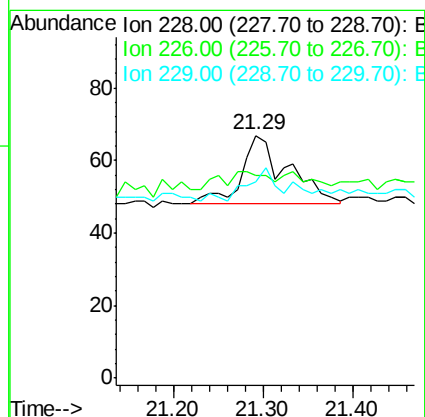
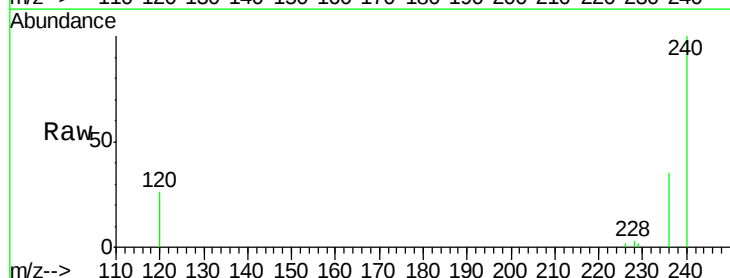
Tgt Ion:228 Resp: 69

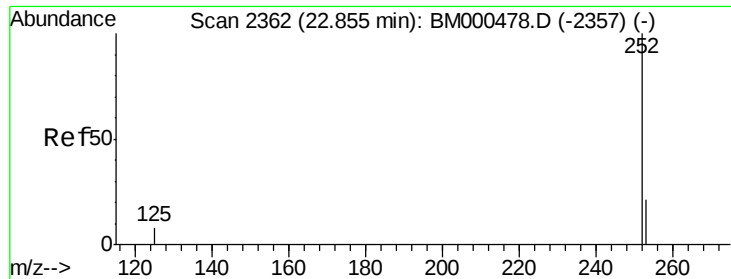
Ion Ratio Lower Upper

228 100

226 83.6 23.0 34.6#

229 80.6 15.9 23.9#





#21

Benzo(b)fluoranthene

Concen: 0.01 ng/u1

RT: 22.62 min Scan# 2339

Delta R.T. -0.24 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

Instrument :

BNA_M

ClientSampleId :

SBLK15

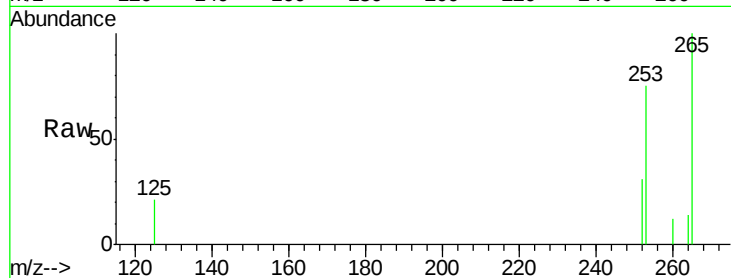
Tgt Ion:252 Resp: 314

Ion Ratio Lower Upper

252 100

253 243.4 0.0 49.0#

125 69.8 0.0 18.4#

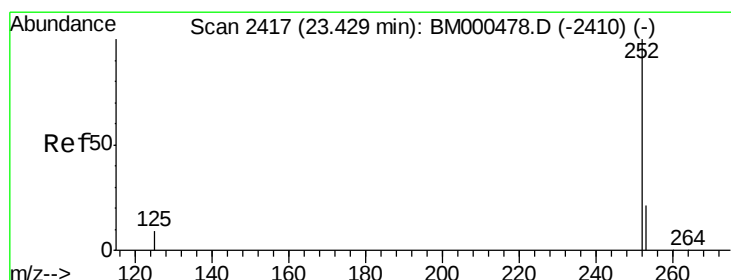
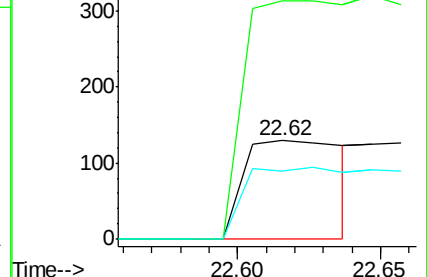
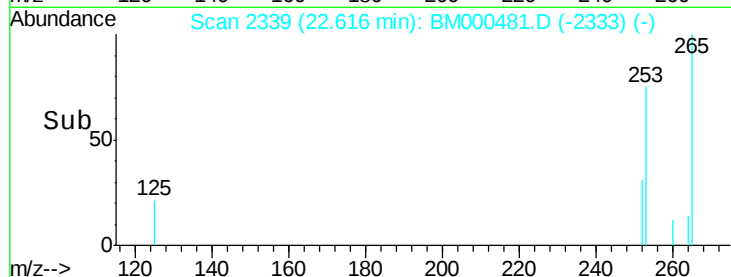


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#23

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.40 min Scan# 2414

Delta R.T. -0.03 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

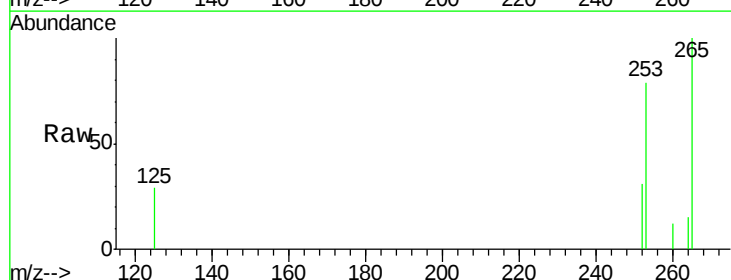
Tgt Ion:252 Resp: 8

Ion Ratio Lower Upper

252 100

253 258.5 21.2 31.8#

125 95.6 8.4 12.6#

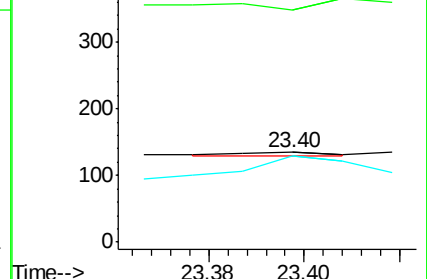
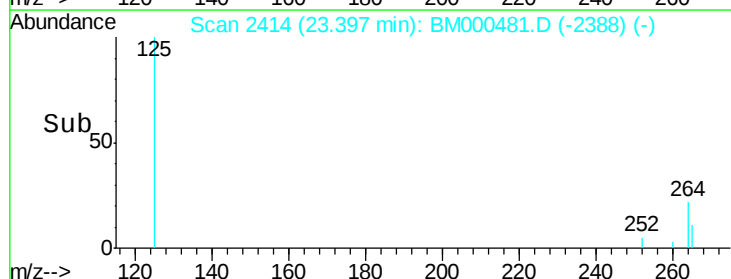


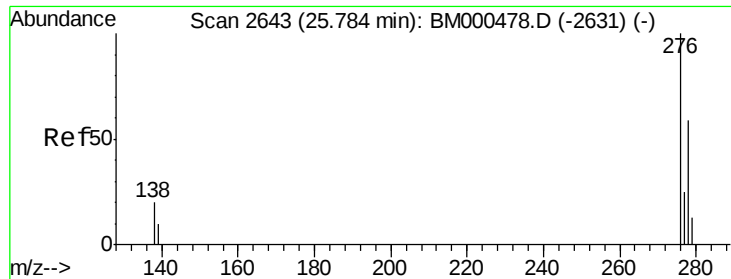
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.77 min Scan# 2642

Delta R.T. -0.01 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

Instrument :

BNA_M

ClientSampleId :

SBLK15

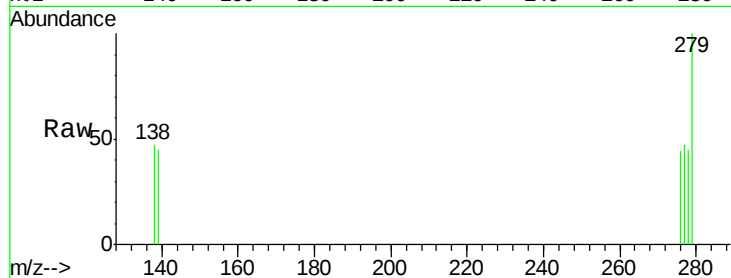
Tgt Ion: 276 Resp: 25

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

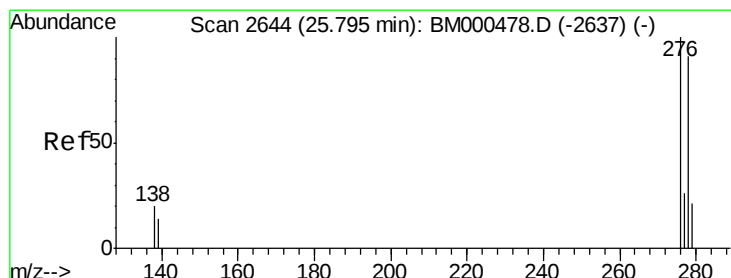
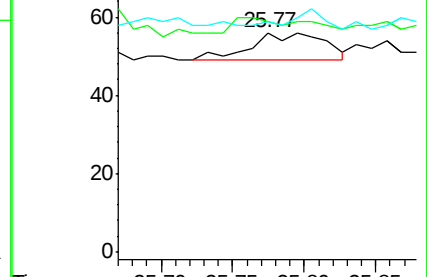
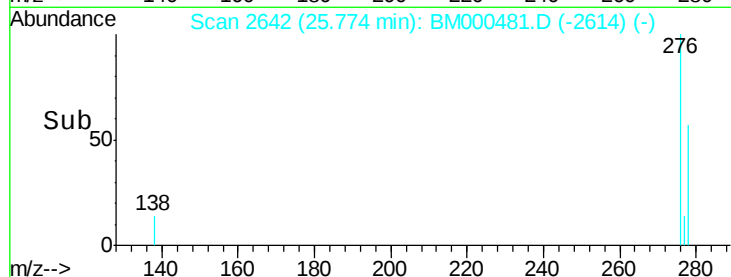
277 0.0 20.0 30.0#



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



#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.77 min Scan# 2642

Delta R.T. -0.02 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

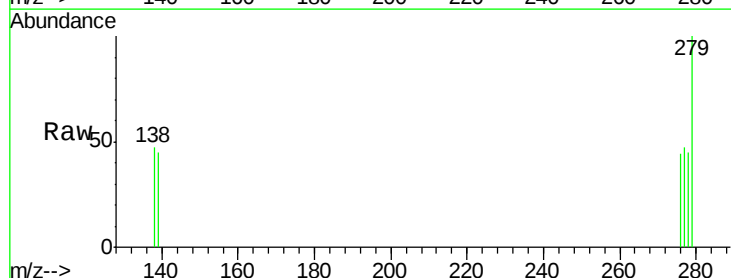
Tgt Ion: 278 Resp: 6

Ion Ratio Lower Upper

278 100

139 100.0 13.4 20.0#

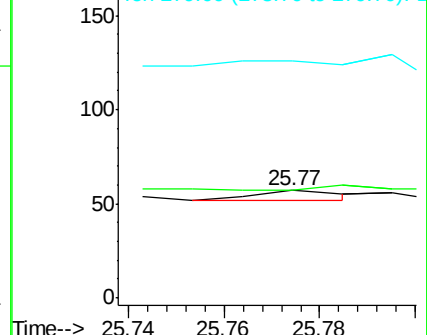
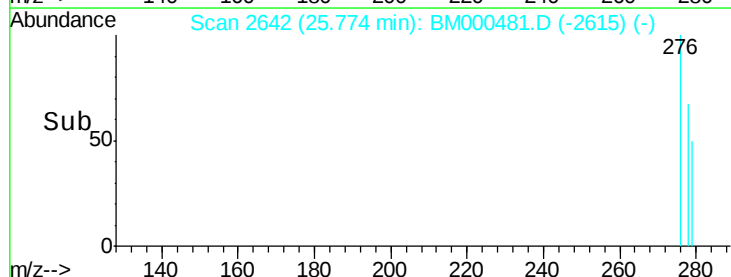
279 221.1 21.3 31.9#

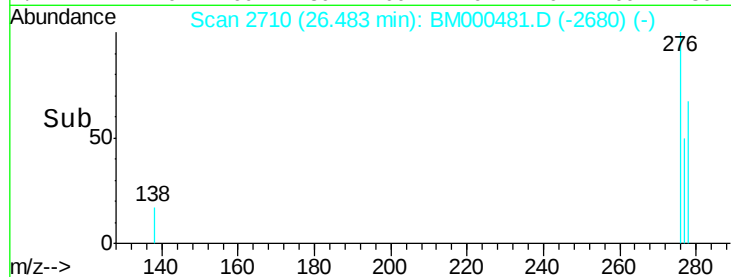
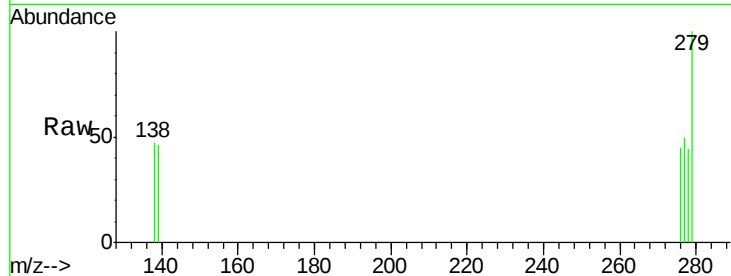
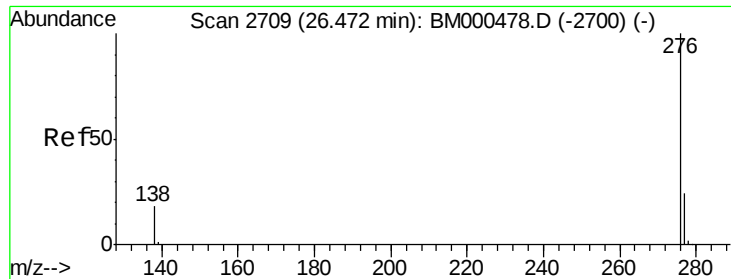


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.48 min Scan# 2710

Delta R.T. 0.01 min

Lab File: BM000481.D

Acq: 11 Feb 2015 14:42

Instrument :

BNA_M

ClientSampleId :

SBLK15

Tgt Ion:276 Resp: 31

Ion Ratio Lower Upper

276 100

277 110.7 20.2 30.4#

138 103.6 16.0 24.0#

