

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000484.D
 Acq On : 11 Feb 2015 19:48
 Operator : TP/IZ
 Sample : PB81660BL
 Misc : SBLK17
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK17

Quant Time: Feb 12 00:07:51 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 23:58:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2541	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	8971	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	6202	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	1290066	0.40	ng/ul	0.11
16) Chrysene-d12	21.30	240	10486	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	1068166	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	6507	0.54	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

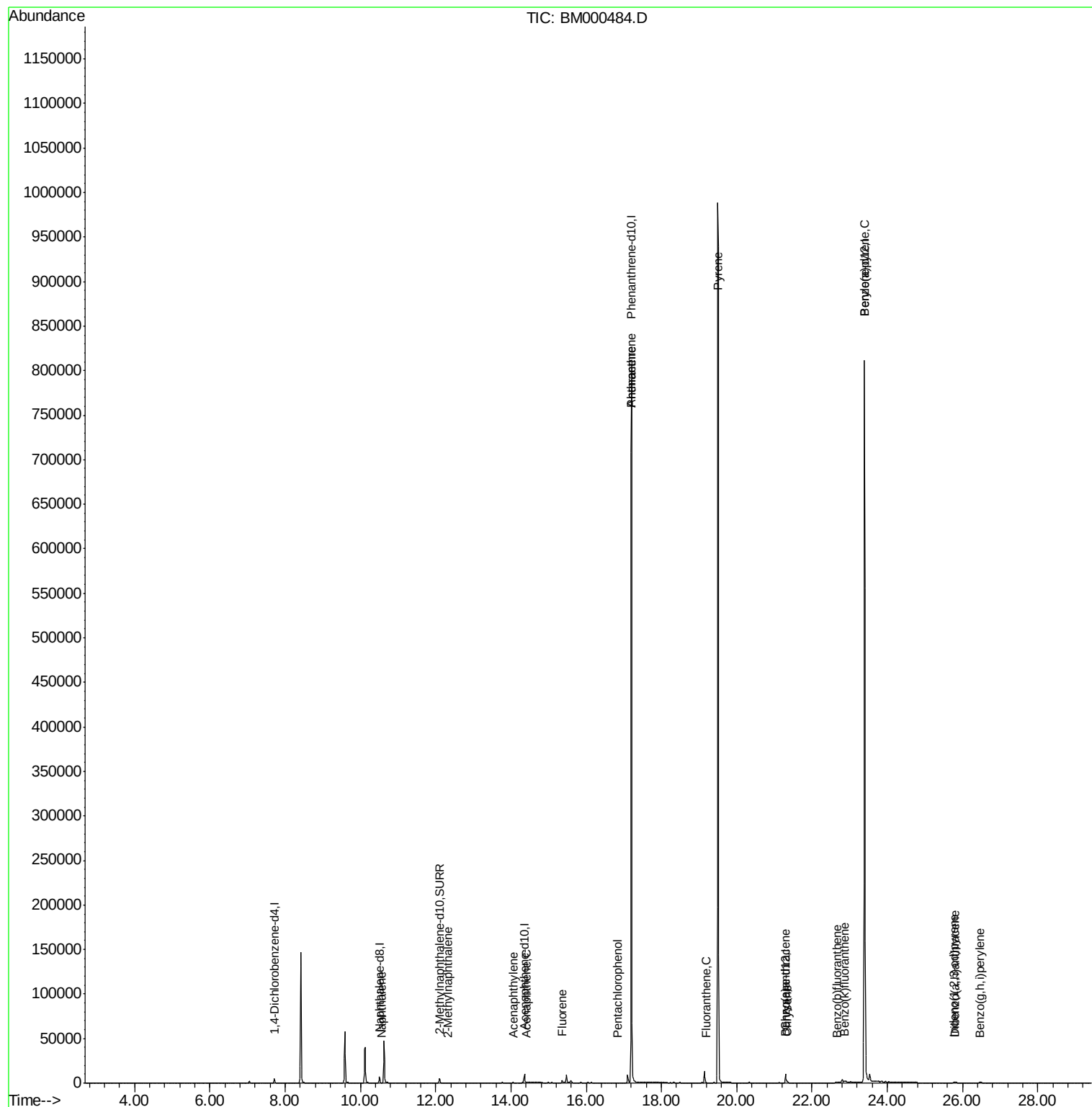
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	75	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.32	142	2	0.00	ng/ul	87
7) Acenaphthylene	14.05	152	140	0.01	ng/ul#	1
8) Acenaphthene	14.41	153	36	0.00	ng/ul#	71
9) Fluorene	15.35	166	2319	0.10	ng/ul#	18
11) Pentachlorophenol	16.82	266	16	0.00	ng/ul#	21
12) Phenanthrene	17.19	178	1043	0.00	ng/ul#	1
13) Anthracene	17.19	178	1037	0.00	ng/ul#	1
15) Fluoranthene	19.18	202	803	0.00	ng/ul	77
17) Pyrene	19.50	202	3114	0.08	ng/ul#	1
18) Benzo(a)anthracene	21.28	228	1626	0.05	ng/ul#	93
19) Chrysene	21.33	228	1782	0.05	ng/ul	93
21) Benzo(b)fluoranthene	22.66	252	821	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	1620	0.00	ng/ul#	45
23) Benzo(a)pyrene	23.40	252	6258	0.00	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	25.78	276	1566	0.00	ng/ul	98
25) Dibenzo(a,h)anthracene	25.81	278	1234	0.00	ng/ul#	60
26) Benzo(g,h,i)perylene	26.47	276	1349	0.00	ng/ul#	77

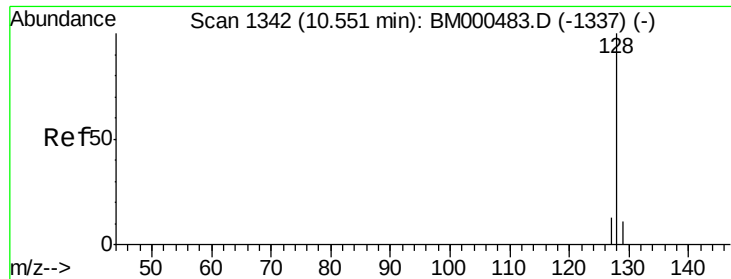
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.55 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

Instrument :

BNA_M

ClientSampleId :

SBLK17

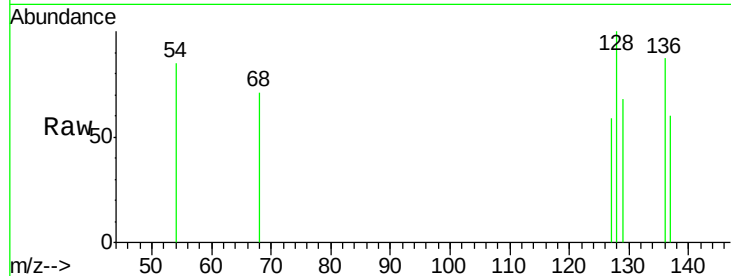
Tgt Ion:128 Resp: 75

Ion Ratio Lower Upper

128 100

129 68.5 9.2 13.8#

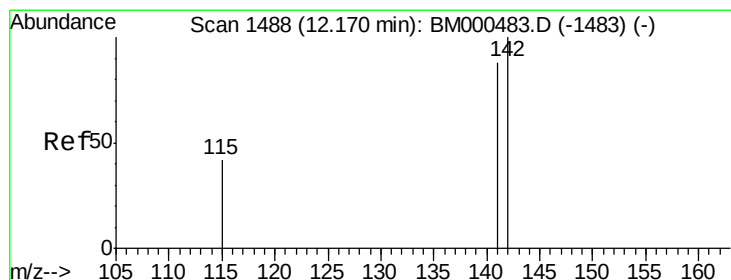
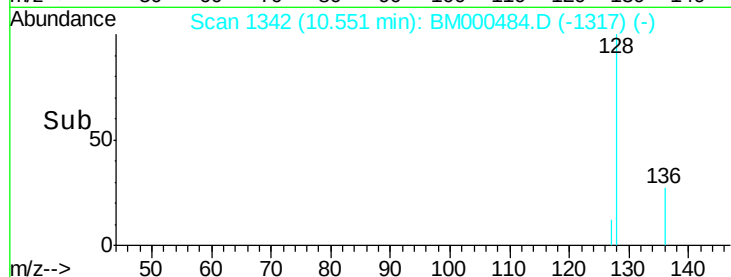
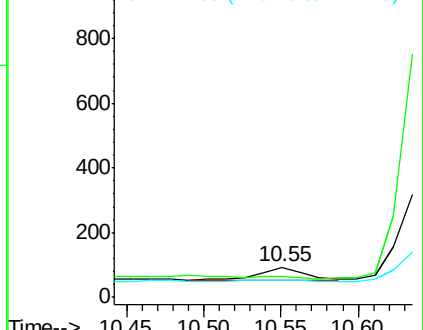
127 58.7 11.2 16.8#



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: 12.32 min Scan# 1502

Delta R.T. 0.15 min

Lab File: BM000484.D

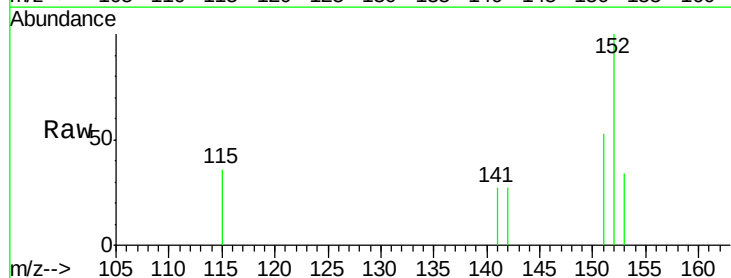
Acq: 11 Feb 2015 19:48

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

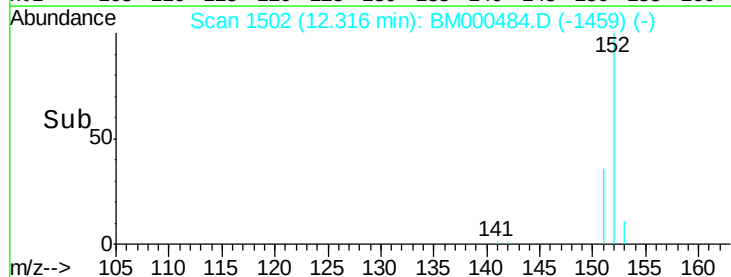
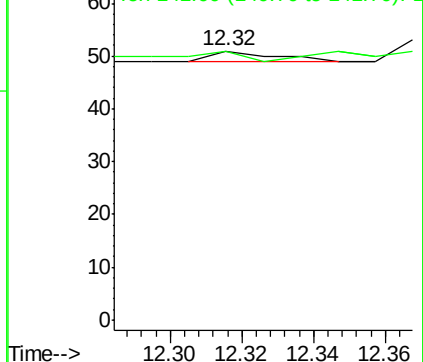
142 100

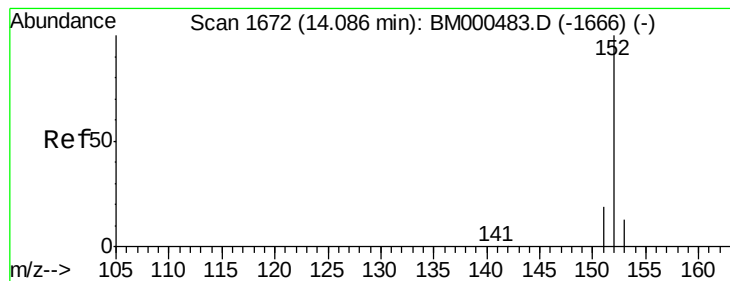
141 100.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.05 min Scan# 1669

Delta R.T. -0.03 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

Instrument :

BNA_M

ClientSampleId :

SBLK17

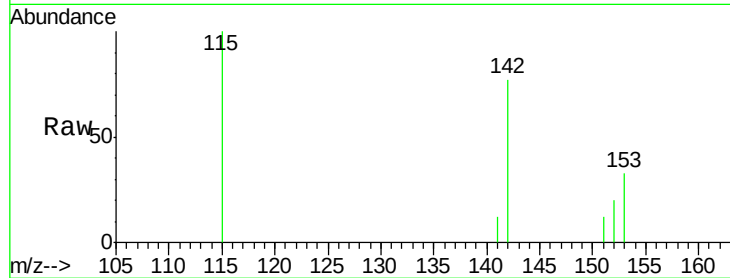
Tgt Ion:152 Resp: 140

Ion Ratio Lower Upper

152 100

151 61.2 16.1 24.1#

153 166.0 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

250

200

150

100

50

0

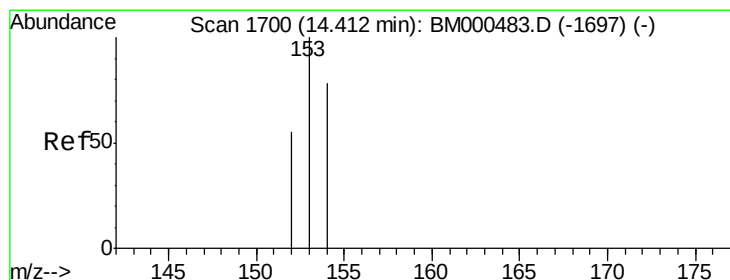
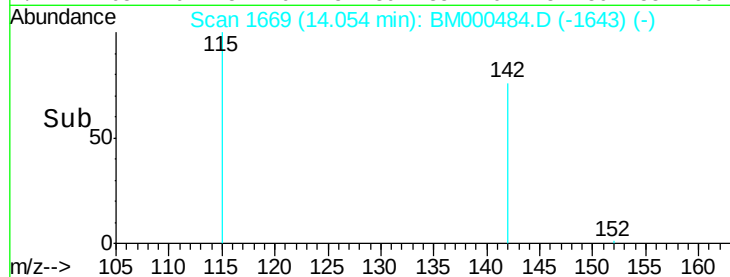
14.05

14.00

14.10

14.20

Time-->



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

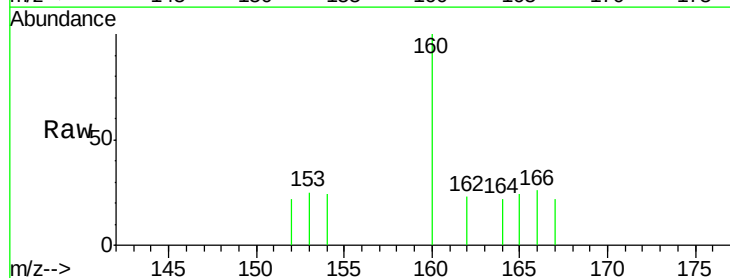
Tgt Ion:153 Resp: 36

Ion Ratio Lower Upper

153 100

152 88.1 45.6 68.4#

154 95.5 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

80

60

40

20

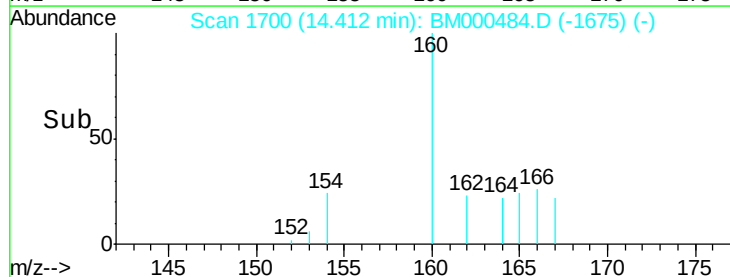
0

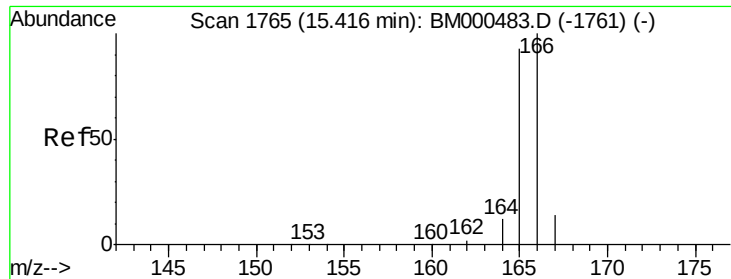
14.41

14.40

14.50

Time-->

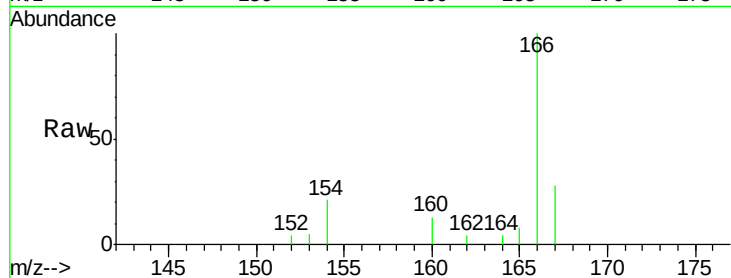




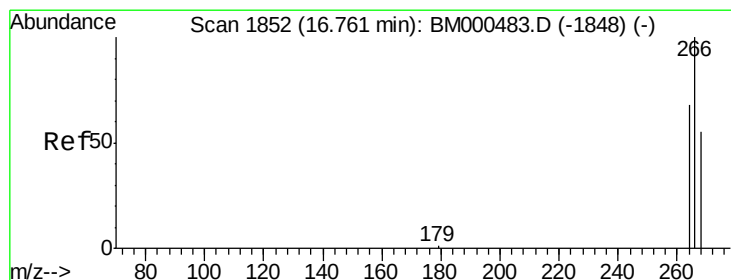
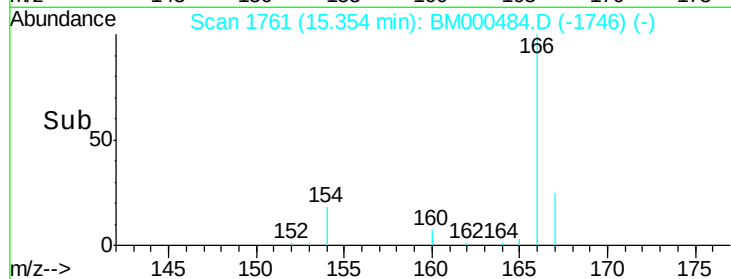
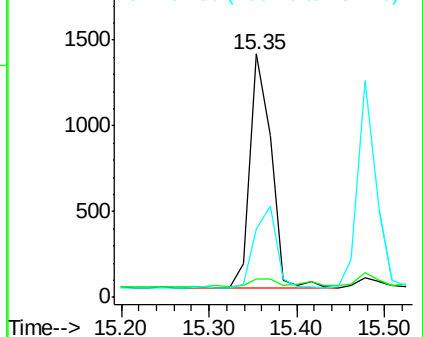
#9
Fluorene
 Concen: 0.10 ng/ul
 RT: 15.35 min Scan# 1761
 Delta R.T. -0.06 min
 Lab File: BM000484.D
 Acq: 11 Feb 2015 19:48

Instrument :
 BNA_M
 ClientSampleId :
 SBLK17

Tgt Ion:166 Resp: 2319
 Ion Ratio Lower Upper
 166 100
 165 7.7 74.4 111.6#
 167 28.2 11.3 16.9#

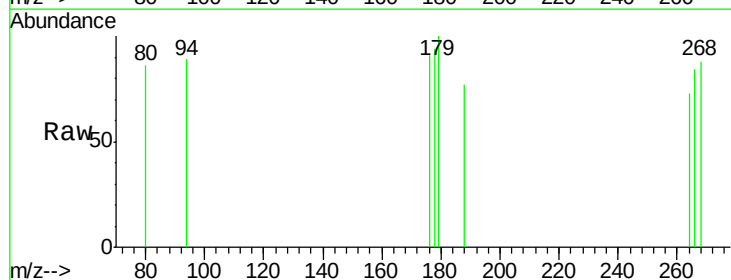


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

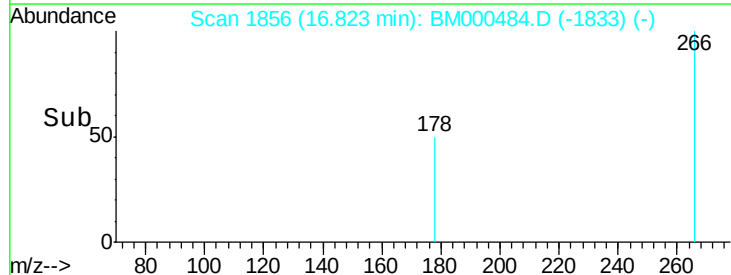
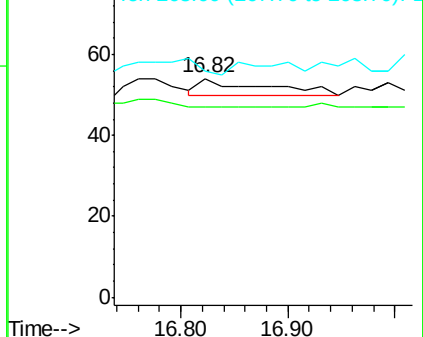


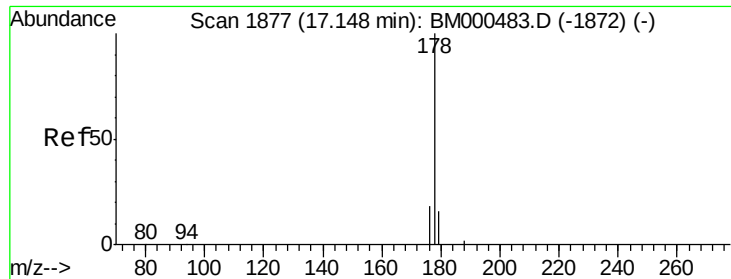
#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.82 min Scan# 1856
 Delta R.T. 0.06 min
 Lab File: BM000484.D
 Acq: 11 Feb 2015 19:48

Tgt Ion:266 Resp: 16
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.8 74.6#
 268 125.0 51.2 76.8#



Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1880

Delta R.T. 0.05 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

Instrument :

BNA_M

ClientSampled :

SBLK17

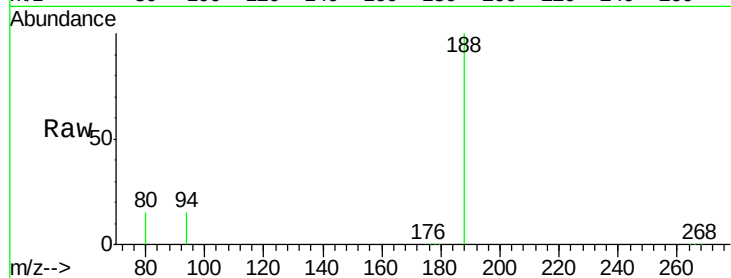
Tgt Ion:178 Resp: 1043

Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.4

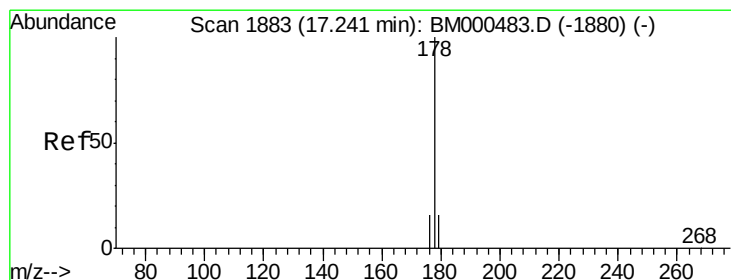
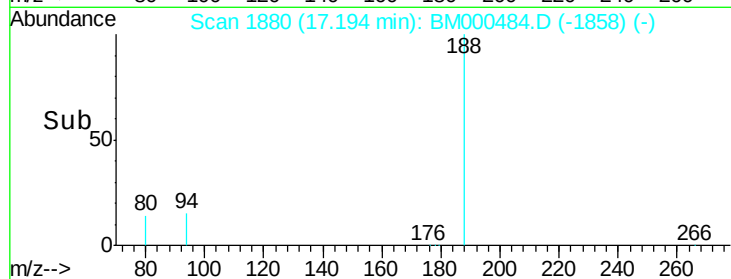
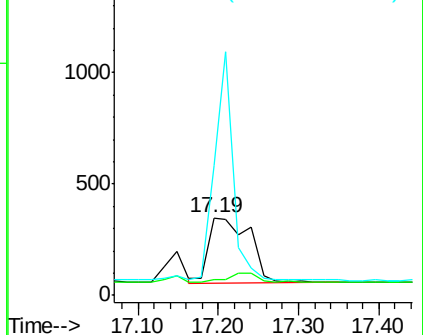
179 167.1 13.0 19.4#



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: 17.19 min Scan# 1880

Delta R.T. -0.05 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

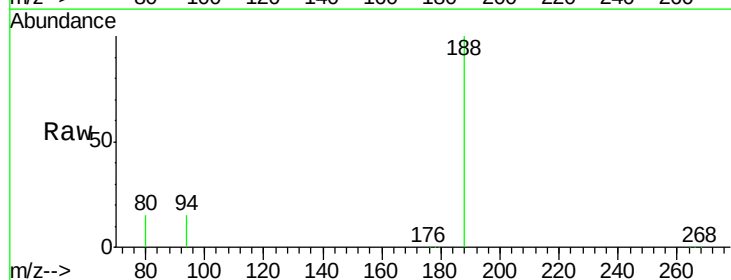
Tgt Ion:178 Resp: 1037

Ion Ratio Lower Upper

178 100

176 19.9 13.9 20.9

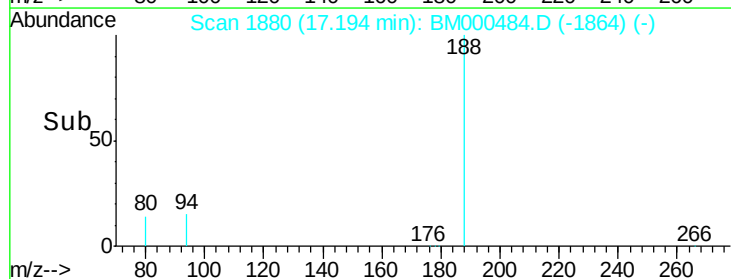
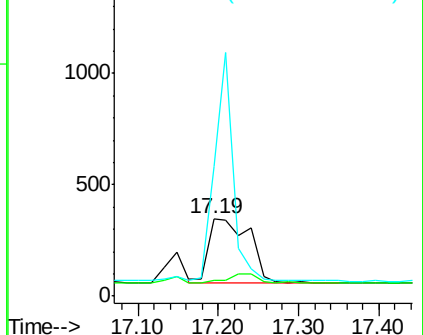
179 167.1 13.2 19.8#

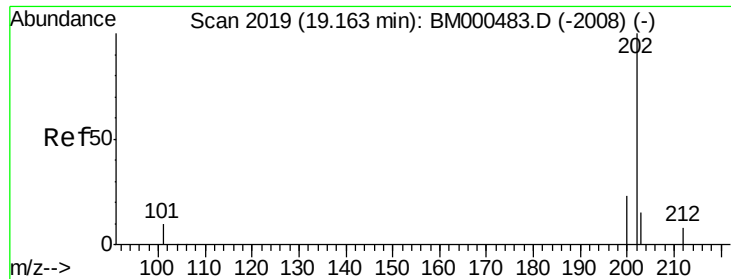


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

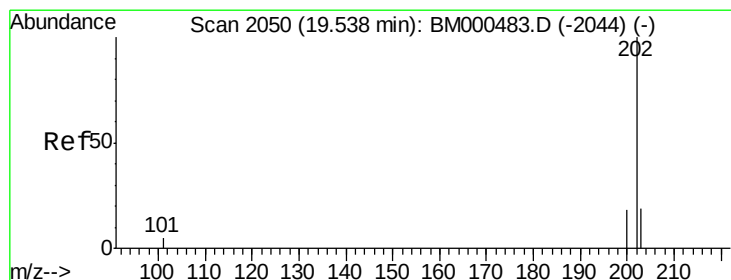
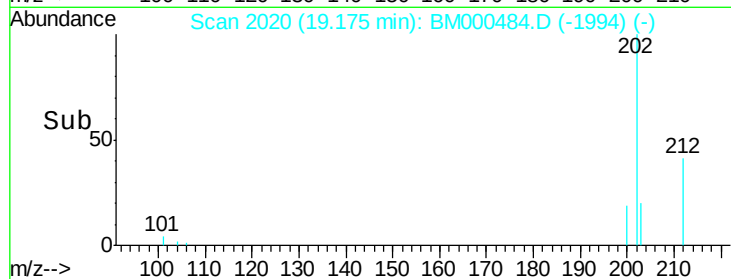
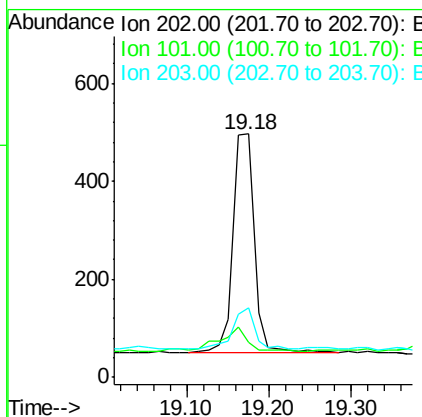
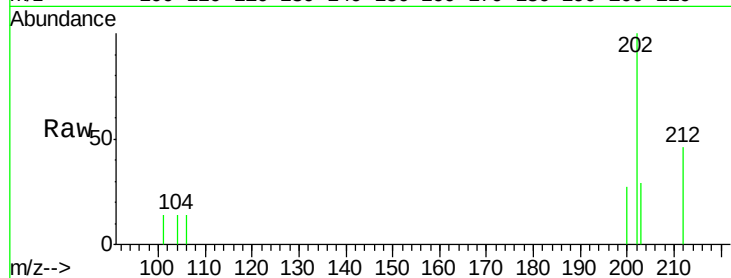




#15
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.18 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BM000484.D
Acq: 11 Feb 2015 19:48

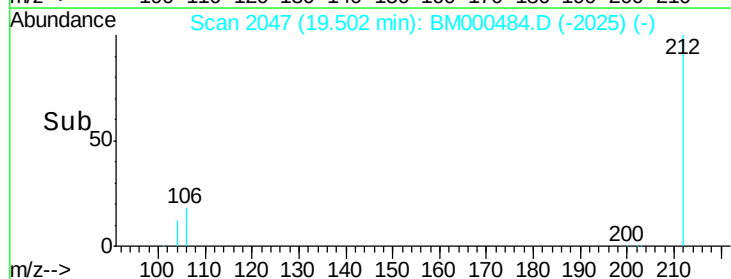
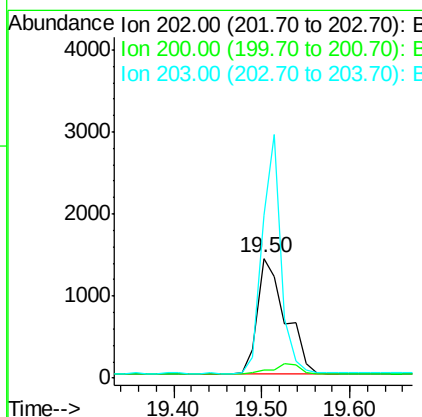
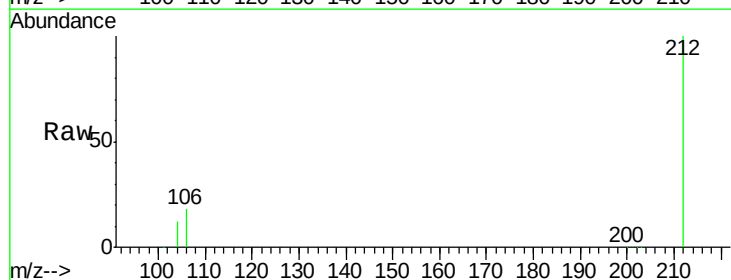
Instrument :
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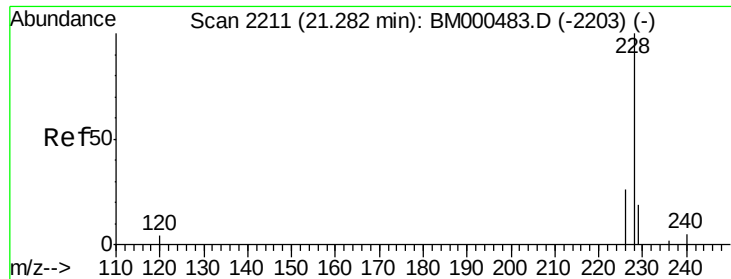
Tgt Ion:202 Resp: 803
Ion Ratio Lower Upper
202 100
101 14.3 0.0 24.6
203 28.8 0.0 39.2



#17
Pyrene
Concen: 0.08 ng/ul
RT: 19.50 min Scan# 2047
Delta R.T. -0.04 min
Lab File: BM000484.D
Acq: 11 Feb 2015 19:48

Tgt Ion:202 Resp: 3114
Ion Ratio Lower Upper
202 100
200 6.9 14.9 22.3#
203 136.6 15.4 23.0#





#18

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.28 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

Instrument :

BNA_M

ClientSampleId :

SBLK17

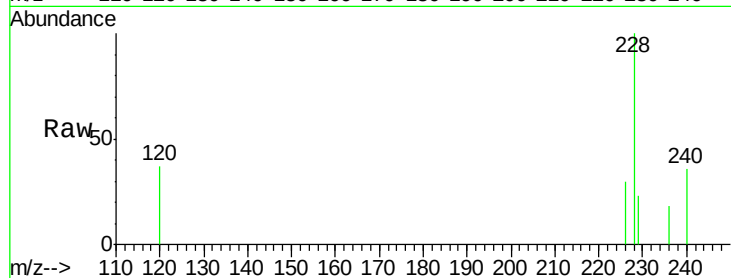
Tgt Ion:228 Resp: 1626

Ion Ratio Lower Upper

228 100

226 29.8 21.4 32.0

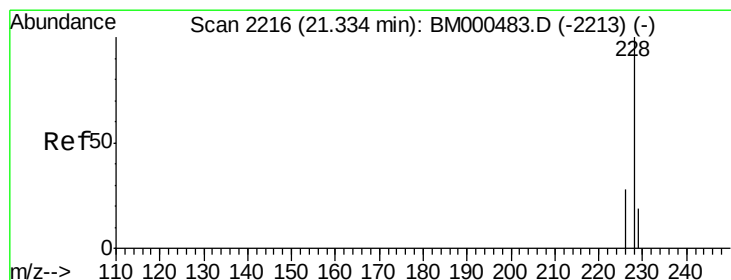
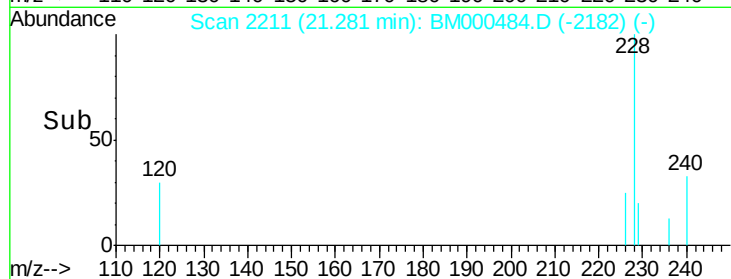
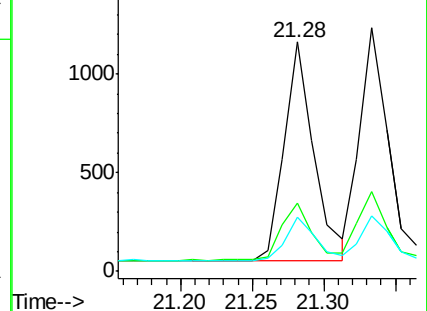
229 23.5 15.6 23.4#



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



#19

Chrysene

Concen: 0.05 ng/ul

RT: 21.33 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

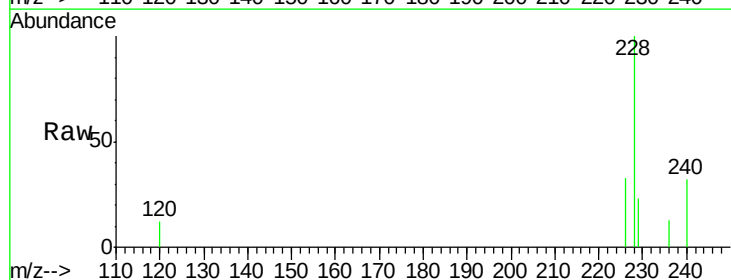
Tgt Ion:228 Resp: 1782

Ion Ratio Lower Upper

228 100

226 32.7 23.0 34.6

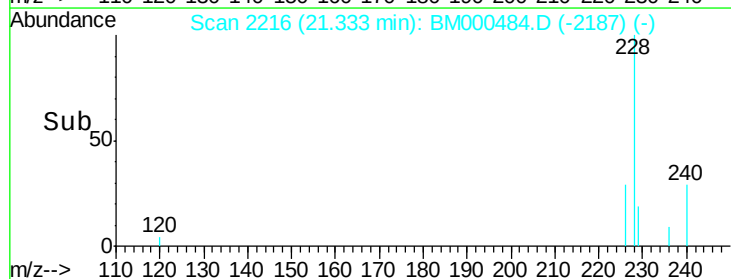
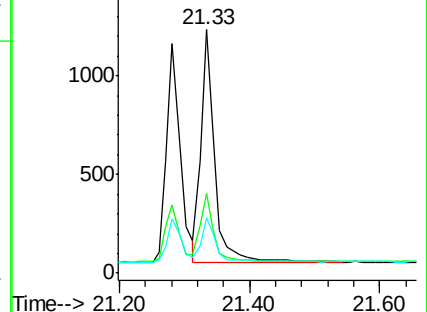
229 22.5 15.9 23.9

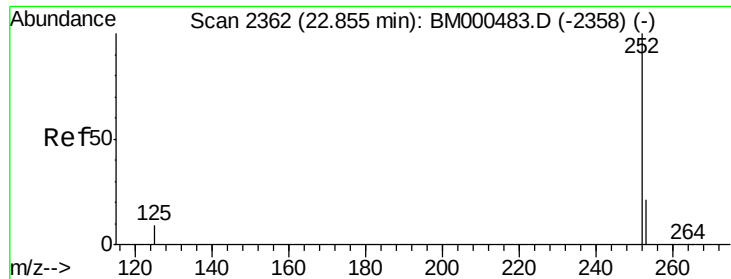


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.66 min Scan# 2343

Delta R.T. -0.20 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

Instrument :

BNA_M

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SBLK17

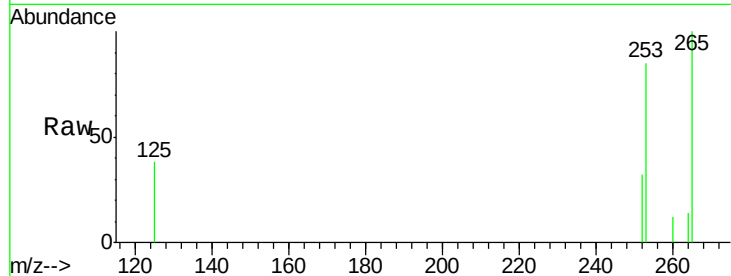
Tgt Ion:252 Resp: 821

Ion Ratio Lower Upper

252 100

253 266.9 0.0 49.0#

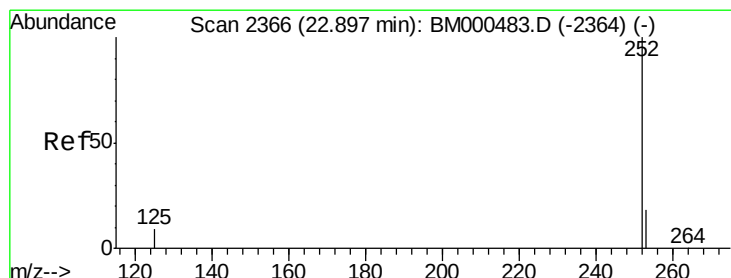
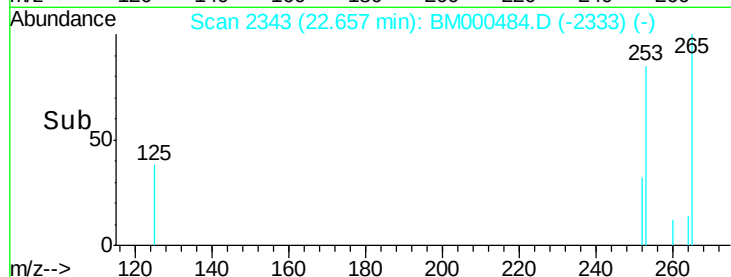
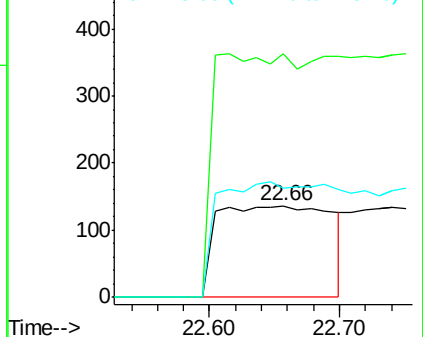
125 119.9 0.0 18.4#



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



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.86 min Scan# 2362

Delta R.T. -0.04 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

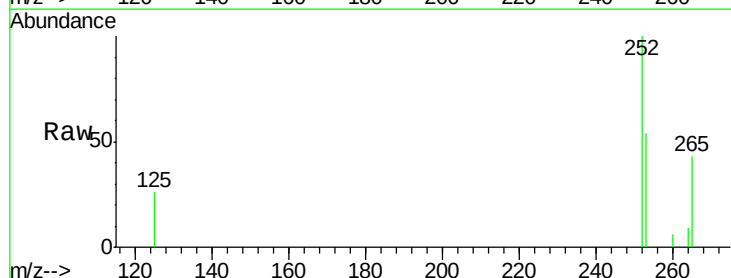
Tgt Ion:252 Resp: 1620

Ion Ratio Lower Upper

252 100

253 54.1 19.8 29.6#

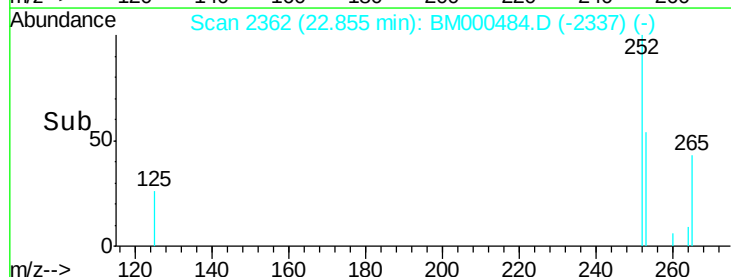
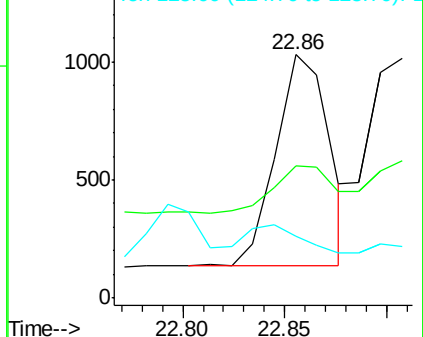
125 25.5 7.6 11.4#

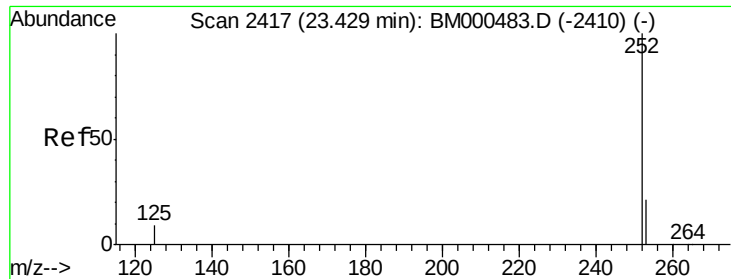


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.40 min Scan# 2414

Delta R.T. -0.03 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

Instrument :

BNA_M

ClientSampleId :

SBLK17

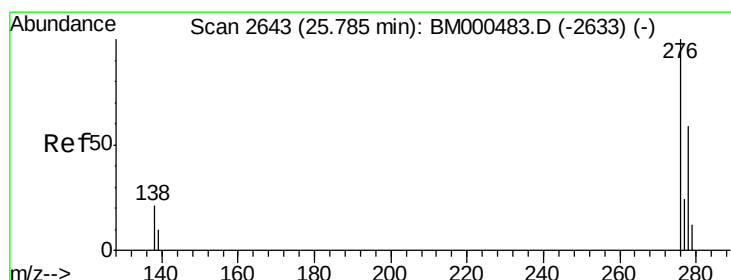
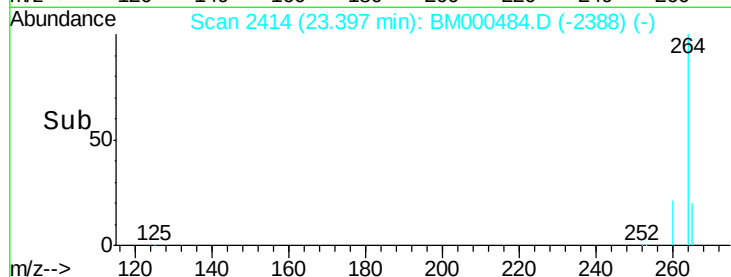
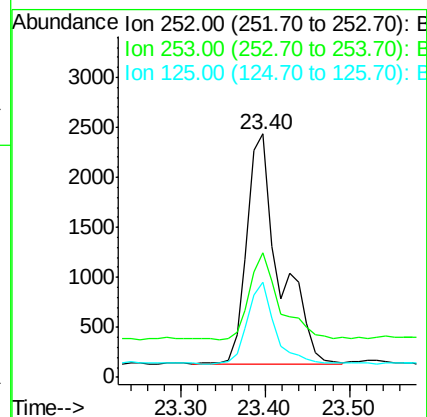
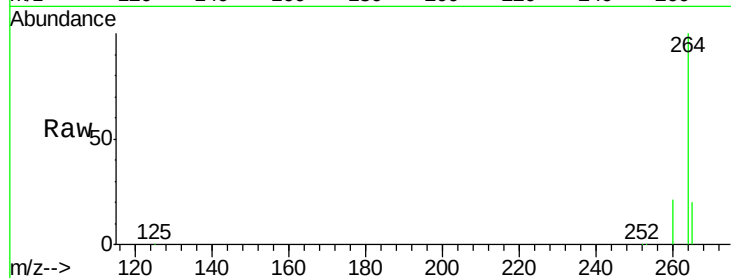
Tgt Ion:252 Resp: 6258

Ion Ratio Lower Upper

252 100

253 50.9 21.2 31.8#

125 39.2 8.4 12.6#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.78 min Scan# 2643

Delta R.T. -0.00 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

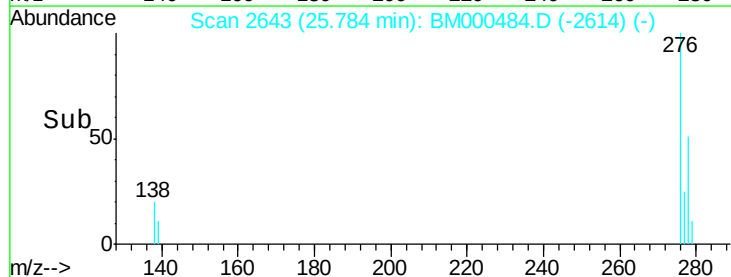
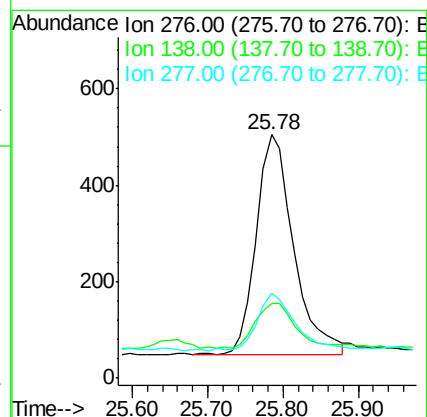
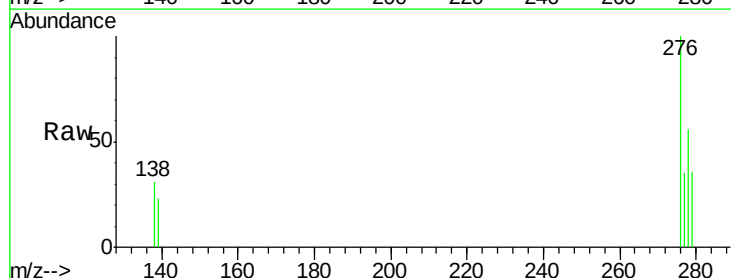
Tgt Ion:276 Resp: 1566

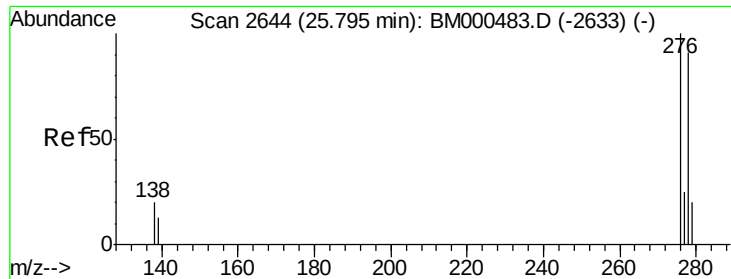
Ion Ratio Lower Upper

276 100

138 21.6 16.3 24.5

277 25.9 20.0 30.0





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.81 min Scan# 2645

Delta R.T. 0.01 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

Instrument :

BNA_M

ClientSampleId :

SBLK17

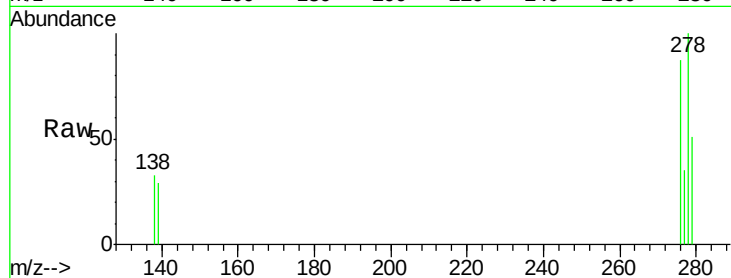
Tgt Ion:278 Resp: 1234

Ion Ratio Lower Upper

278 100

139 28.9 13.4 20.0#

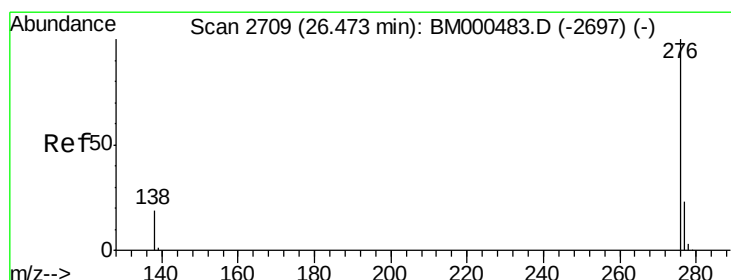
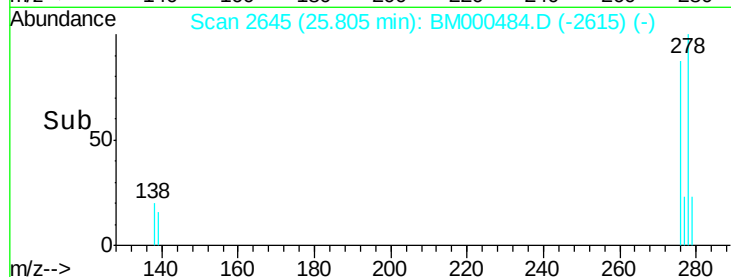
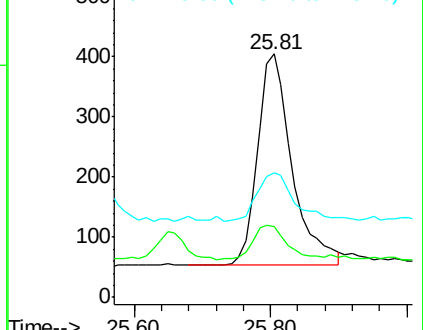
279 51.1 21.3 31.9#



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: 26.47 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BM000484.D

Acq: 11 Feb 2015 19:48

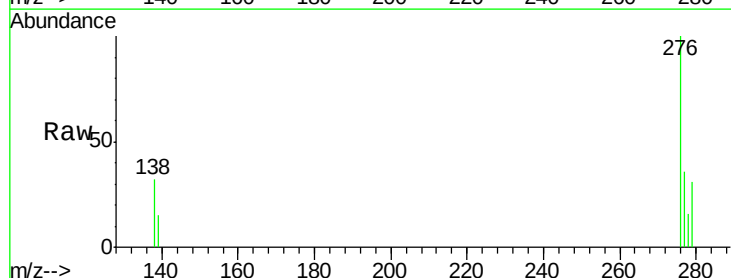
Tgt Ion:276 Resp: 1349

Ion Ratio Lower Upper

276 100

277 36.0 20.2 30.4#

138 31.8 16.0 24.0#



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

