

Data Path : Z:\HPCHEM1\BNA_M\Data\BM021315\
 Data File : BM000524.D
 Acq On : 13 Feb 2015 18:40
 Operator : TP/IZ
 Sample : PB81661BL
 Misc : SBLK18
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

Quant Time: Feb 14 01:21:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3553	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	11727	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	7521	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	1202773	0.40	ng/ul	0.11
16) Chrysene-d12	21.28	240	12130	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	990252	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	6416	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.49	212	1176937	0.47	ng/ul	0.36

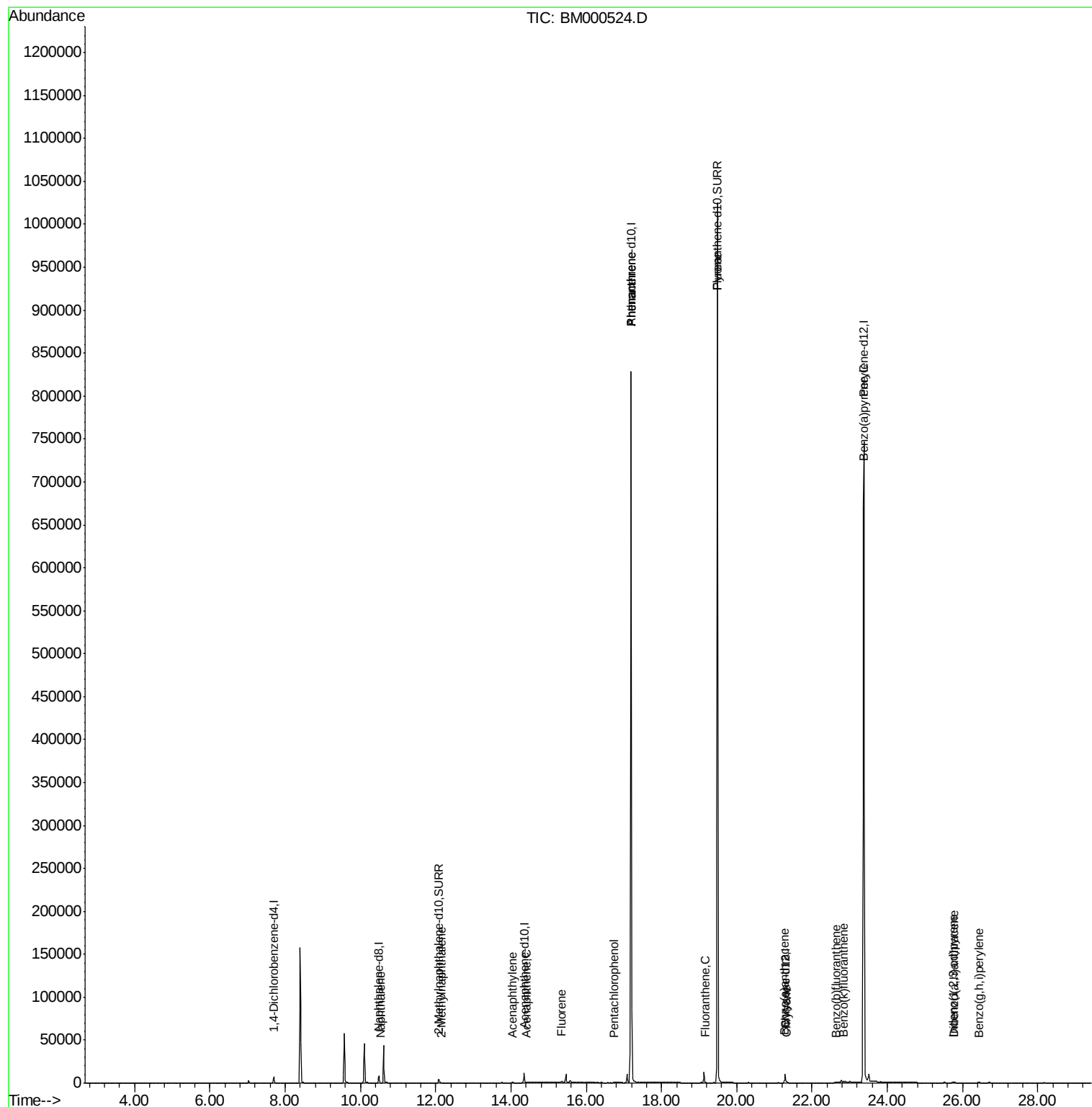
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	129	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.15	142	52	0.00	ng/ul	88
7) Acenaphthylene	14.04	152	128	0.00	ng/ul#	1
8) Acenaphthene	14.40	153	31	0.00	ng/ul#	77
9) Fluorene	15.34	166	2187	0.08	ng/ul#	17
11) Pentachlorophenol	16.75	266	327	0.00	ng/ul	97
12) Phenanthrene	17.19	178	971	0.00	ng/ul#	1
13) Anthracene	17.19	178	958	0.00	ng/ul#	1
15) Fluoranthene	19.15	202	728	0.00	ng/ul	80
17) Pyrene	19.49	202	3003	0.07	ng/ul#	1
18) Benzo(a)anthracene	21.27	228	1514	0.04	ng/ul#	93
19) Chrysene	21.32	228	1691	0.04	ng/ul#	90
21) Benzo(b)fluoranthene	22.64	252	372	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.83	252	1556	0.00	ng/ul#	50
23) Benzo(a)pyrene	23.37	252	5828	0.00	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	25.74	276	1573	0.00	ng/ul	98
25) Dibenzo(a,h)anthracene	25.76	278	1212	0.00	ng/ul#	59
26) Benzo(g,h,i)perylene	26.43	276	1348	0.00	ng/ul#	78

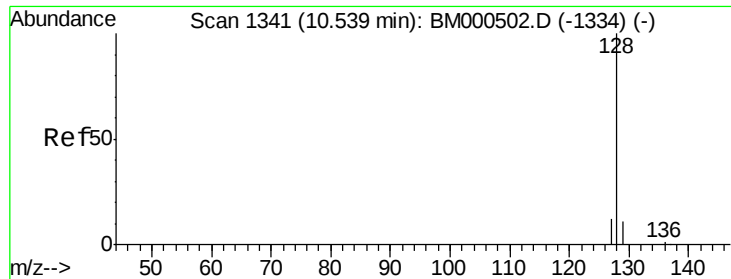
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM021315\
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Quant Time: Feb 14 01:21:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 12 16:45:55 2015
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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.54 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

Instrument :

BNA_M

ClientSampleId :

SBLK18

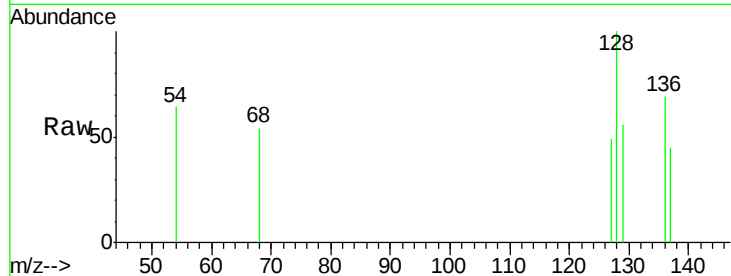
Tgt Ion:128 Resp: 129

Ion Ratio Lower Upper

128 100

129 56.2 9.5 14.3#

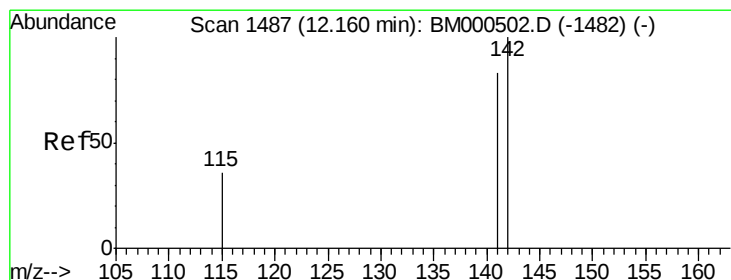
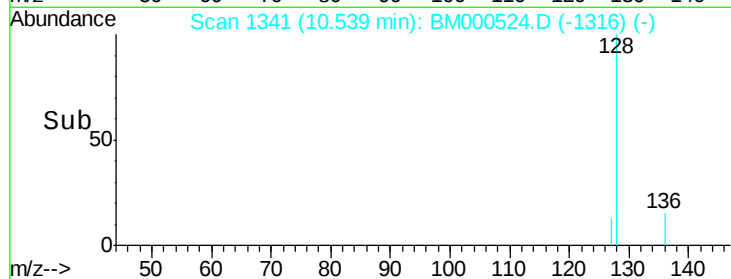
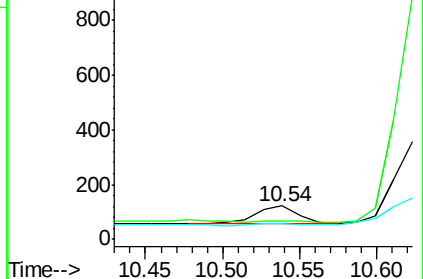
127 48.8 10.4 15.6#



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: 12.15 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BM000524.D

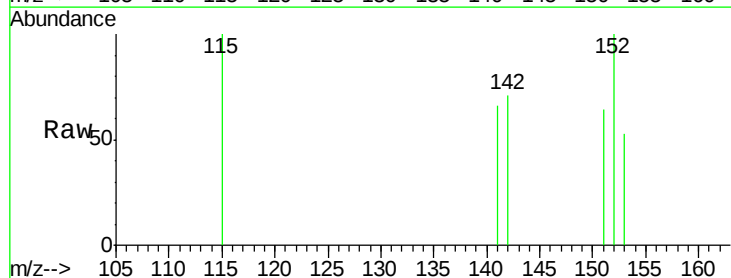
Acq: 13 Feb 2015 18:40

Tgt Ion:142 Resp: 52

Ion Ratio Lower Upper

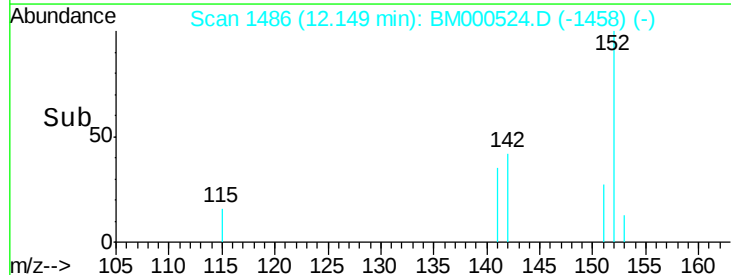
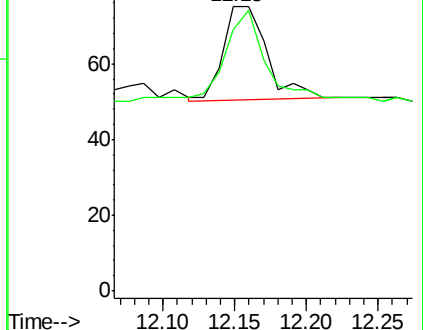
142 100

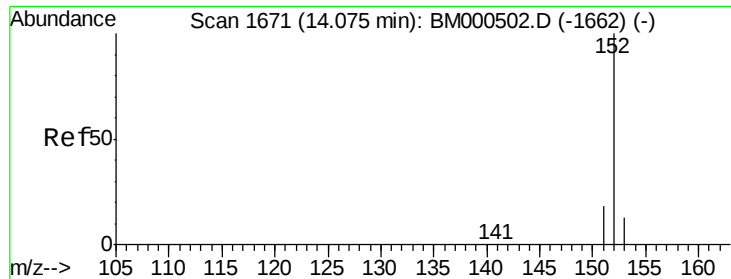
141 98.1 69.9 104.9



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: 14.04 min Scan# 1668

Delta R.T. -0.03 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

Instrument :

BNA_M

ClientSampled :

SBLK18

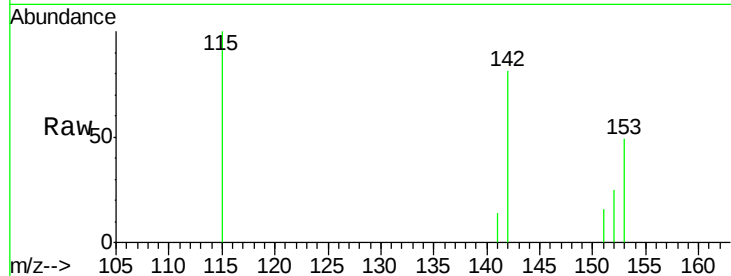
Tgt Ion:152 Resp: 128

Ion Ratio Lower Upper

152 100

151 61.8 15.0 22.6#

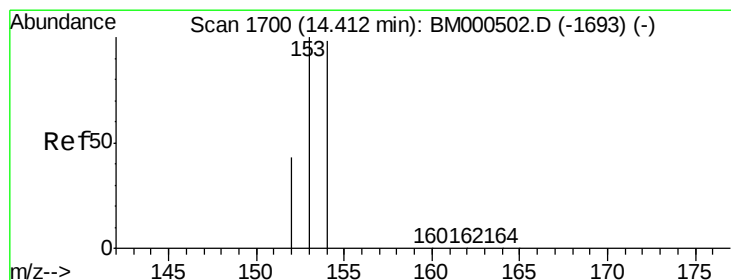
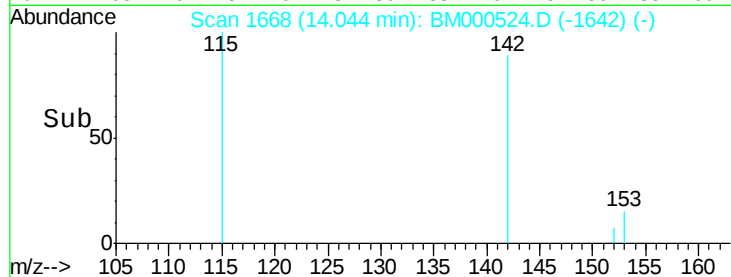
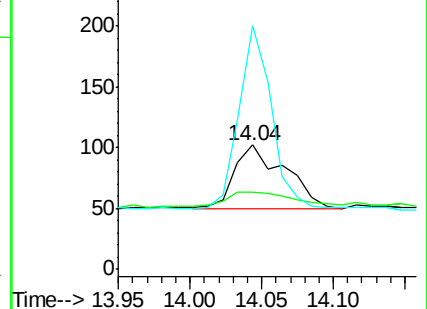
153 196.1 11.1 16.7#



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



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.40 min Scan# 1699

Delta R.T. -0.02 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

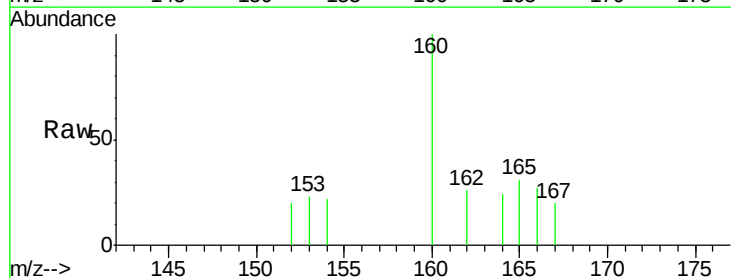
Tgt Ion:153 Resp: 31

Ion Ratio Lower Upper

153 100

152 90.8 35.1 52.7#

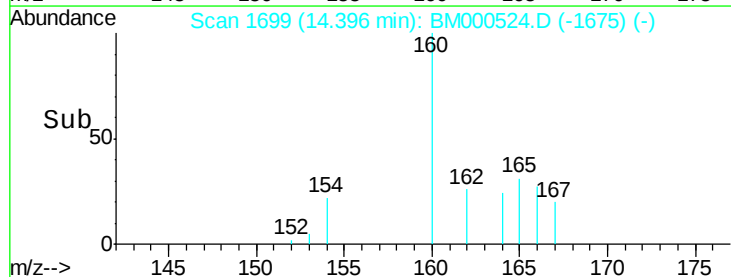
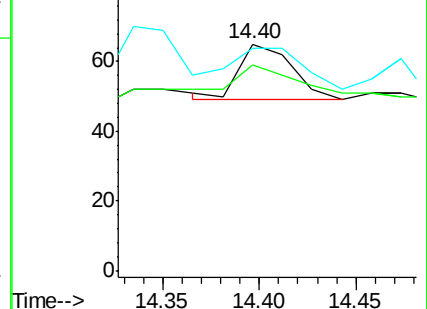
154 98.5 78.5 117.7

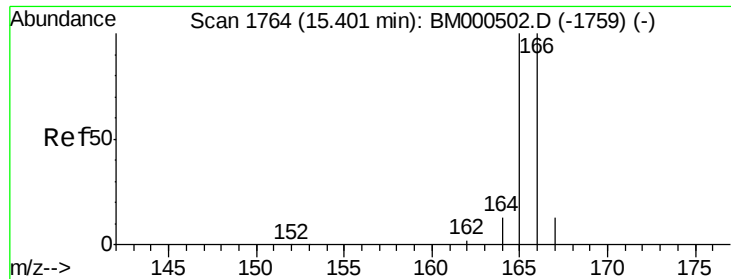


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

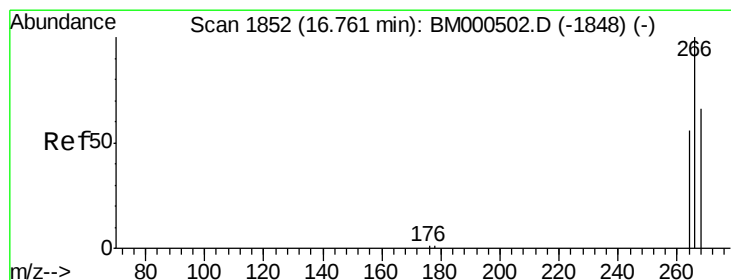
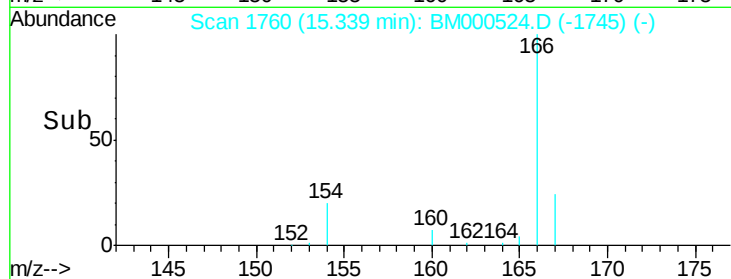
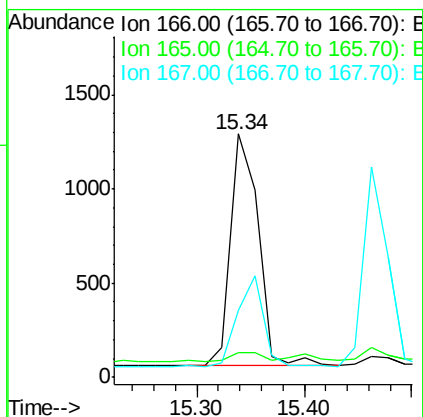
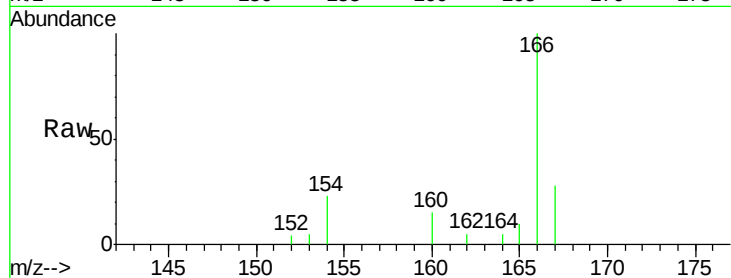




#9
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.34 min Scan# 1760
 Delta R.T. -0.06 min
 Lab File: BM000524.D
 Acq: 13 Feb 2015 18:40

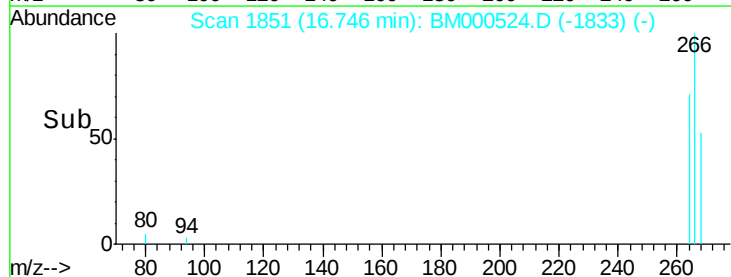
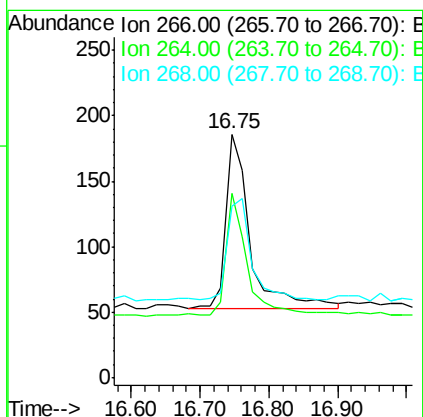
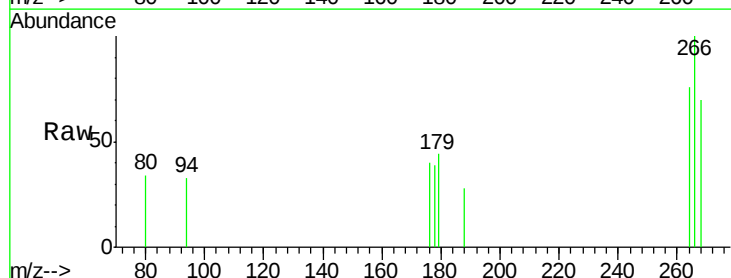
Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

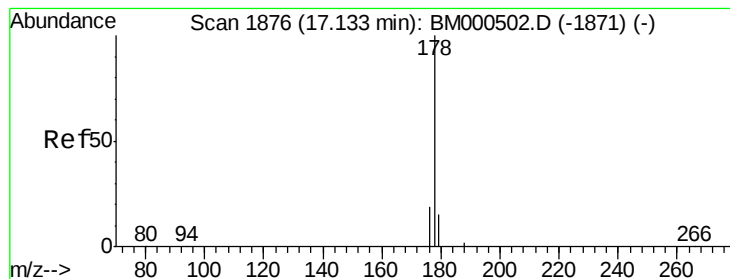
Tgt Ion:166 Resp: 2187
 Ion Ratio Lower Upper
 166 100
 165 10.2 80.0 120.0#
 167 27.6 11.4 17.2#



#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.75 min Scan# 1851
 Delta R.T. -0.02 min
 Lab File: BM000524.D
 Acq: 13 Feb 2015 18:40

Tgt Ion:266 Resp: 327
 Ion Ratio Lower Upper
 266 100
 264 65.7 51.4 77.2
 268 58.1 48.7 73.1





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1880

Delta R.T. 0.06 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

Instrument :

BNA_M

ClientSampleId :

SBLK18

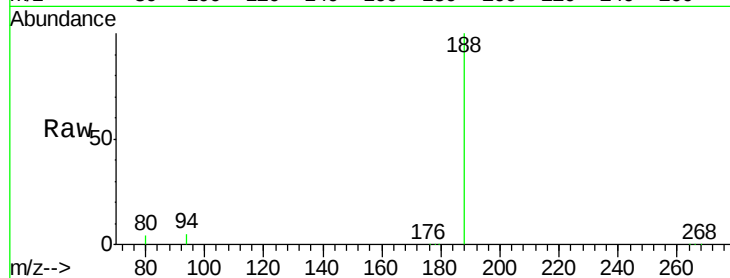
Tgt Ion:178 Resp: 971

Ion Ratio Lower Upper

178 100

176 23.3 15.5 23.3#

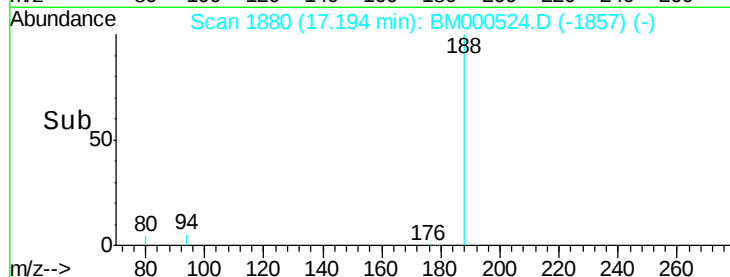
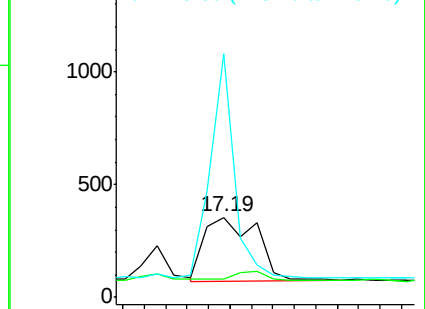
179 303.4 12.5 18.7#



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. -0.03 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

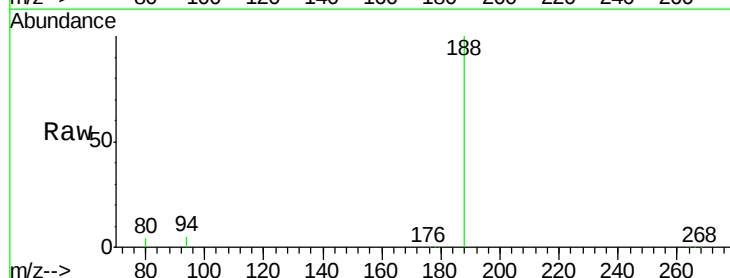
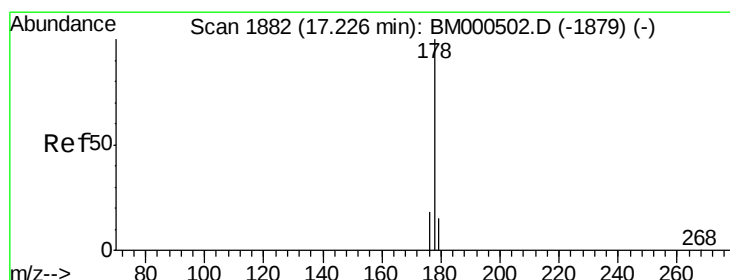
Tgt Ion:178 Resp: 958

Ion Ratio Lower Upper

178 100

176 23.3 14.9 22.3#

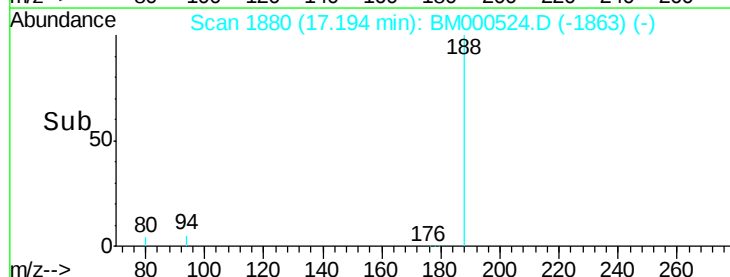
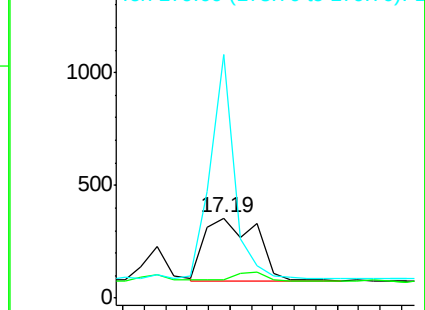
179 303.4 12.8 19.2#

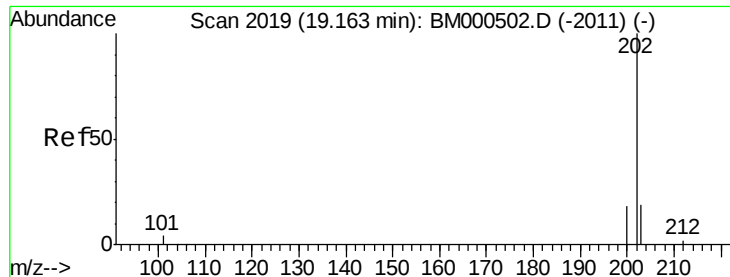


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

Instrument :

BNA_M

ClientSampleId :

SBLK18

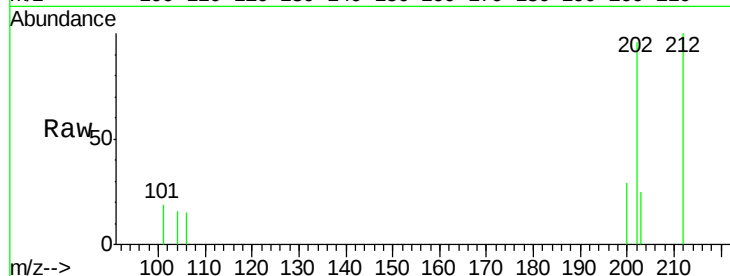
Tgt Ion:202 Resp: 728

Ion Ratio Lower Upper

202 100

101 19.6 0.0 24.8

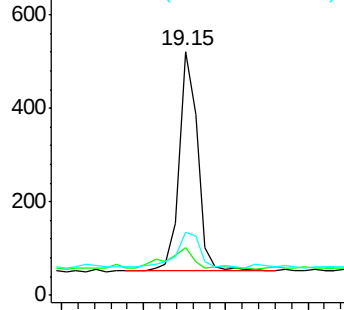
203 25.7 0.0 39.2



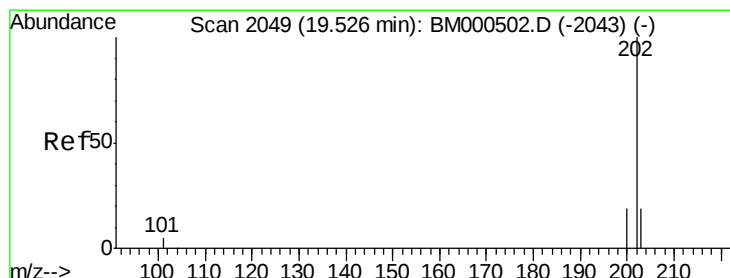
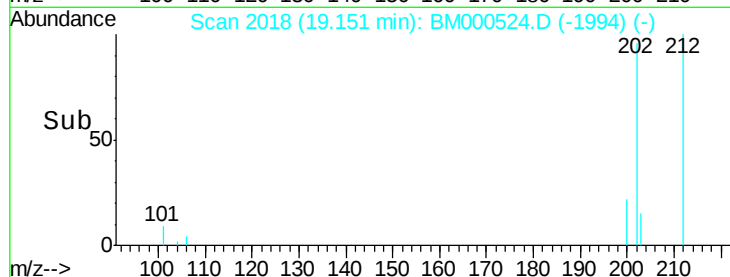
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.00 19.10 19.20 19.30



#17

Pyrene

Concen: 0.07 ng/ul

RT: 19.49 min Scan# 2046

Delta R.T. -0.04 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

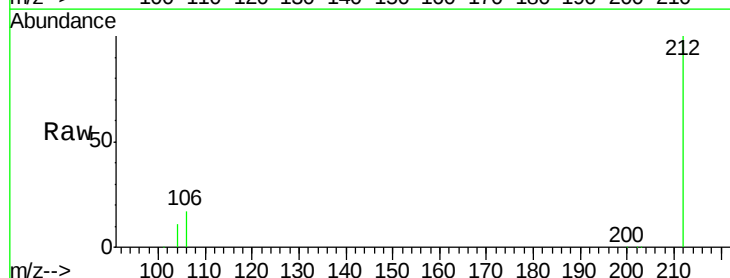
Tgt Ion:202 Resp: 3003

Ion Ratio Lower Upper

202 100

200 6.5 15.4 23.0#

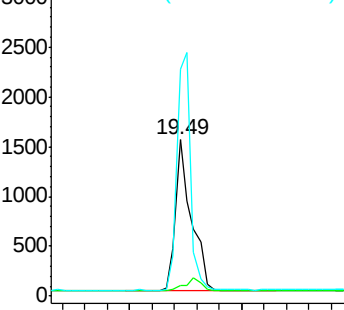
203 145.1 15.4 23.2#



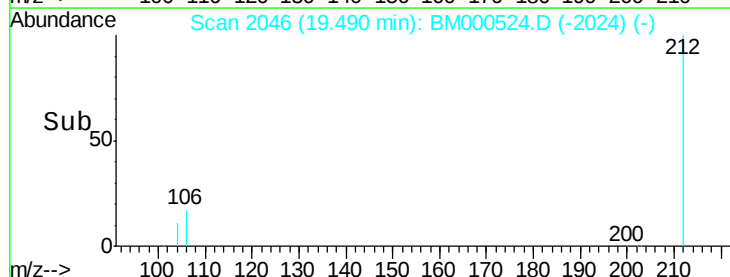
Abundance Ion 202.00 (201.70 to 202.70): E

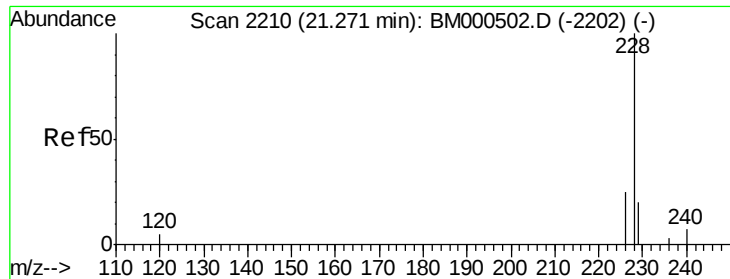
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.60





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.27 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

Instrument :

BNA_M

ClientSampleId :

SBLK18

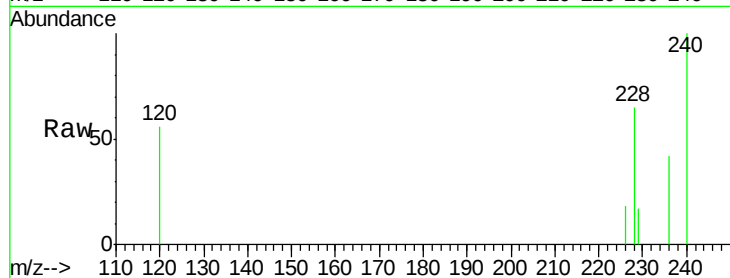
Tgt Ion:228 Resp: 1514

Ion Ratio Lower Upper

228 100

226 27.7 20.6 31.0

229 25.6 16.3 24.5#

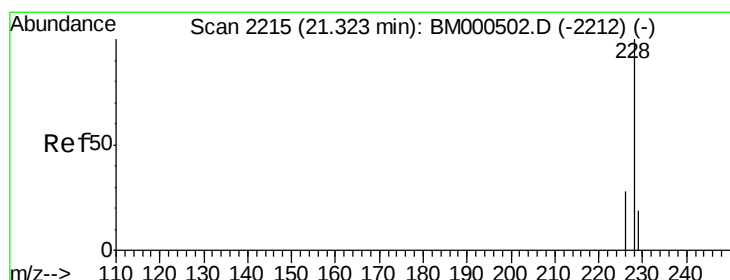
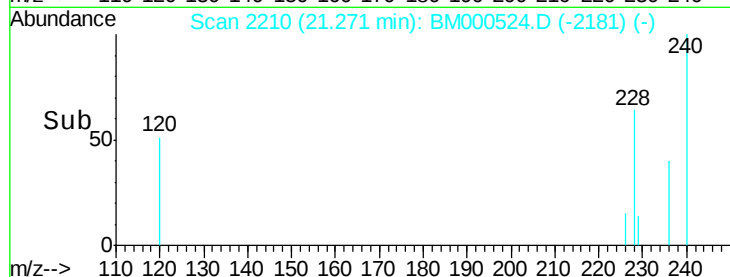
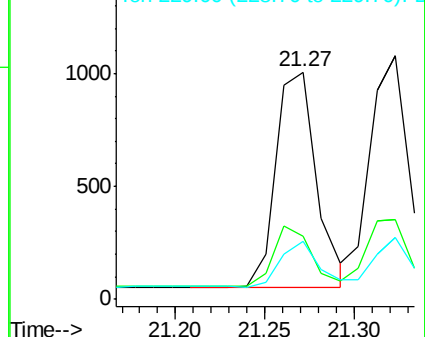


Abundance

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: 0.04 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

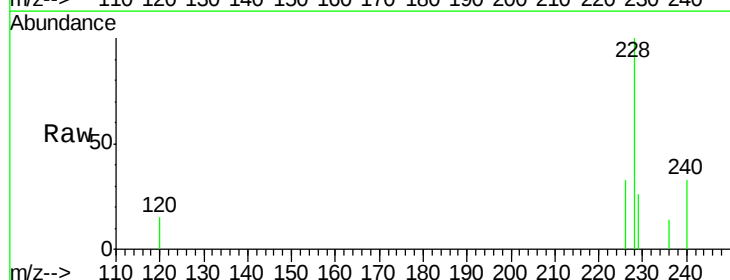
Tgt Ion:228 Resp: 1691

Ion Ratio Lower Upper

228 100

226 32.6 22.7 34.1

229 25.5 16.0 24.0#

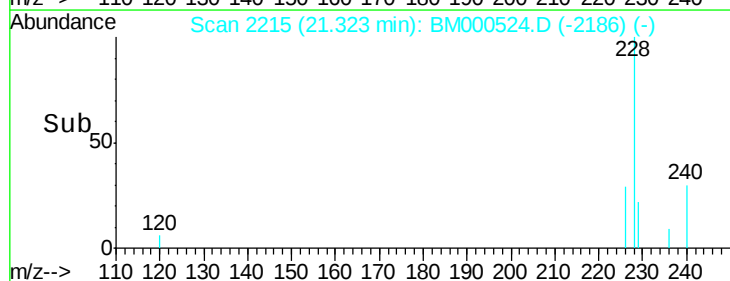
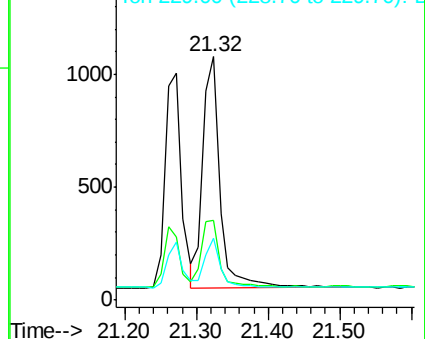


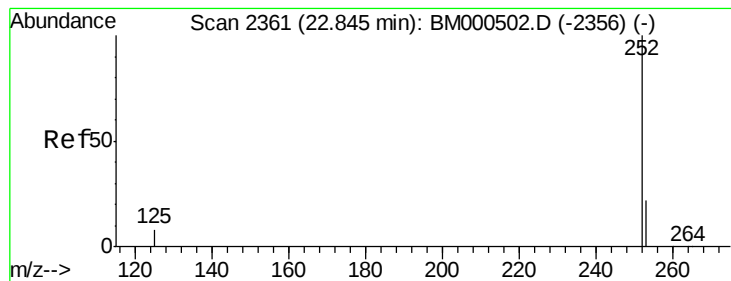
Abundance

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/u1

RT: 22.64 min Scan# 2341

Delta R.T. -0.21 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

Instrument :

BNA_M

ClientSampleId :

SBLK18

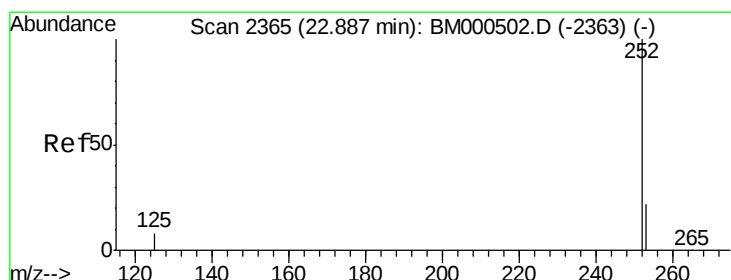
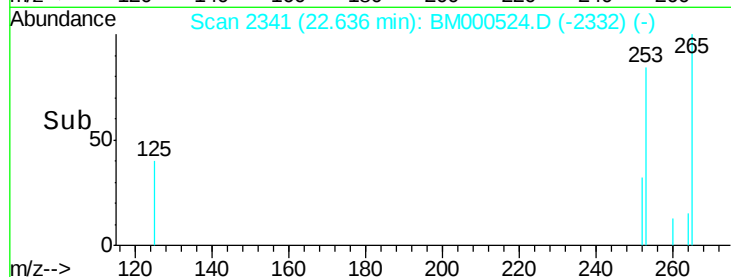
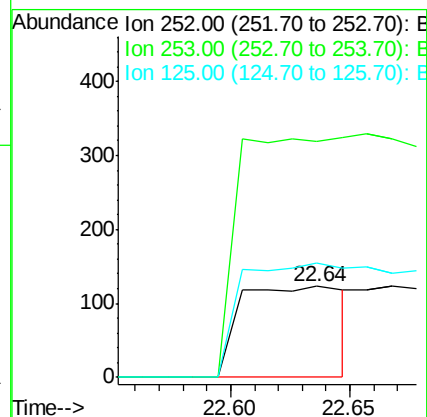
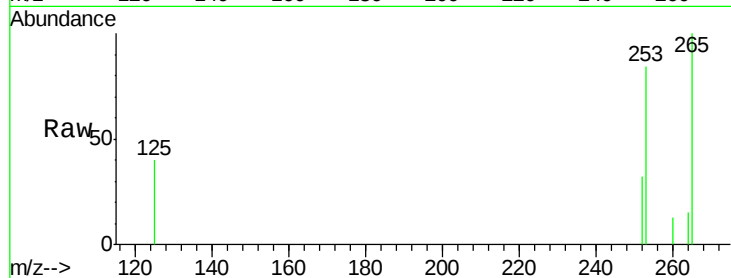
Tgt Ion:252 Resp: 372

Ion Ratio Lower Upper

252 100

253 259.3 0.0 52.6#

125 125.2 0.0 17.6#



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.83 min Scan# 2360

Delta R.T. -0.05 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

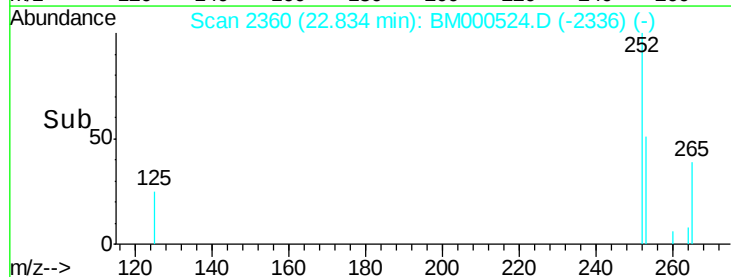
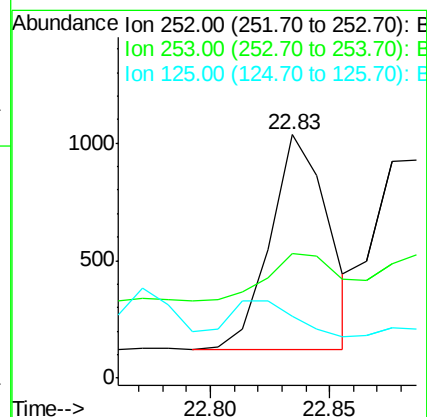
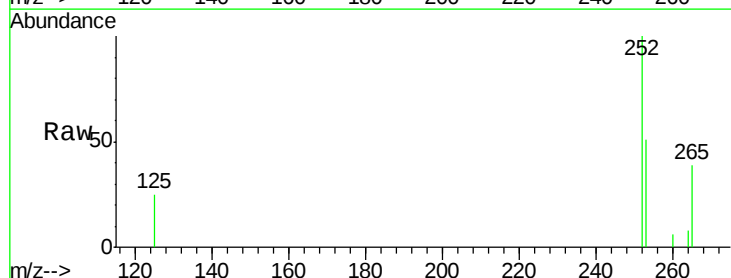
Tgt Ion:252 Resp: 1556

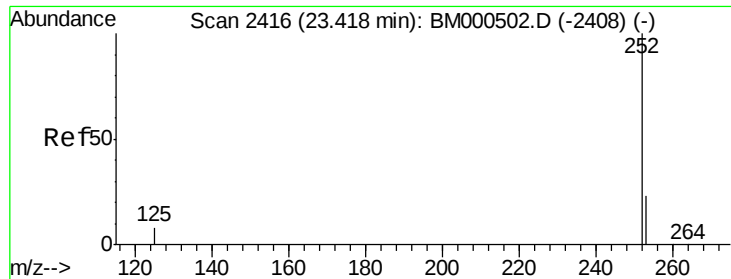
Ion Ratio Lower Upper

252 100

253 51.3 20.2 30.4#

125 25.3 7.4 11.0#





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.37 min Scan# 2411

Delta R.T. -0.05 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

Instrument :

BNA_M

ClientSampleId :

SBLK18

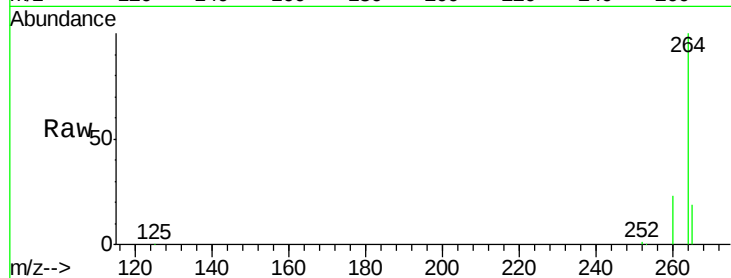
Tgt Ion:252 Resp: 5828

Ion Ratio Lower Upper

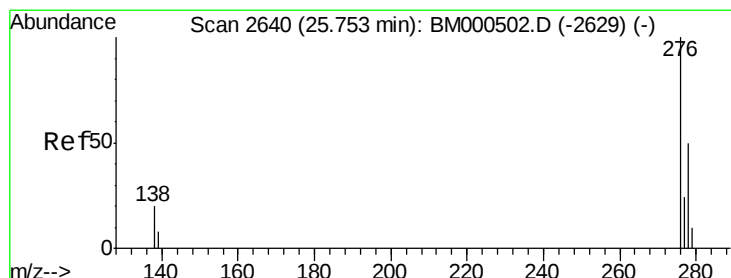
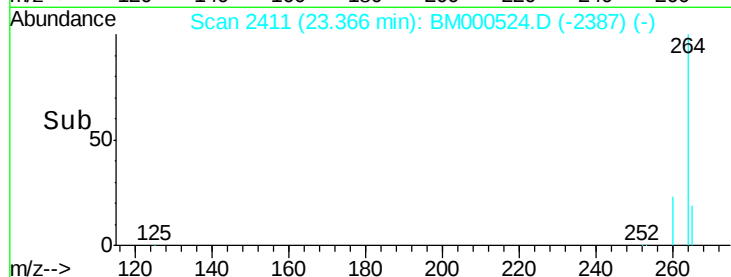
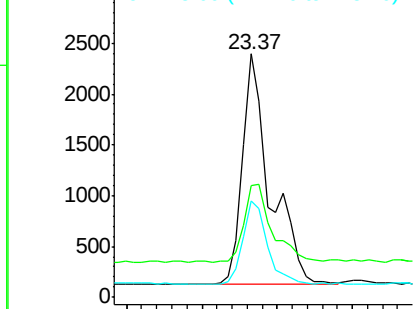
252 100

253 46.2 23.1 34.7#

125 39.4 8.0 12.0#



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

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.74 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BM000524.D

Acq: 13 Feb 2015 18:40

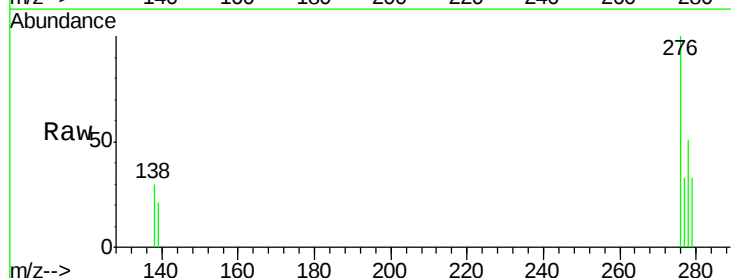
Tgt Ion:276 Resp: 1573

Ion Ratio Lower Upper

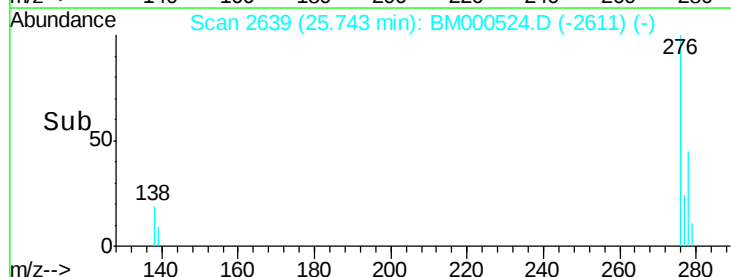
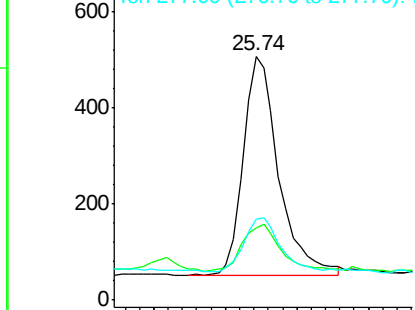
276 100

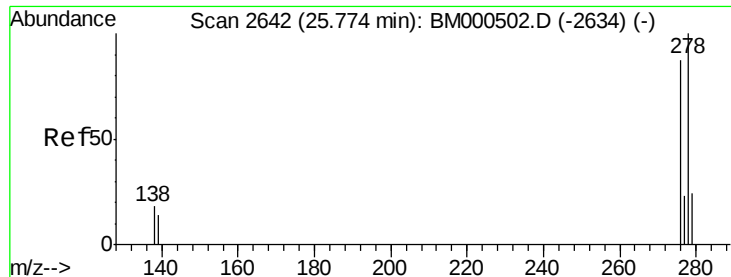
138 23.0 17.3 25.9

277 24.3 19.8 29.8



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



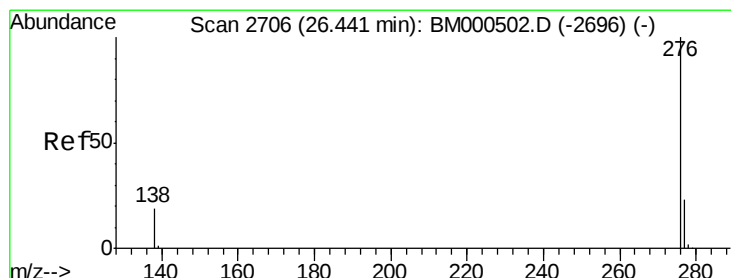
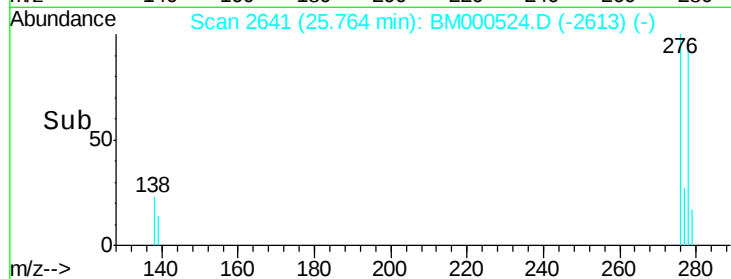
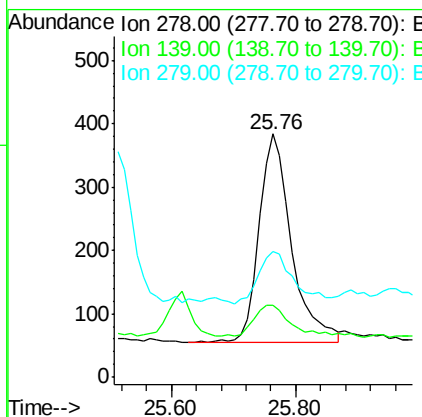
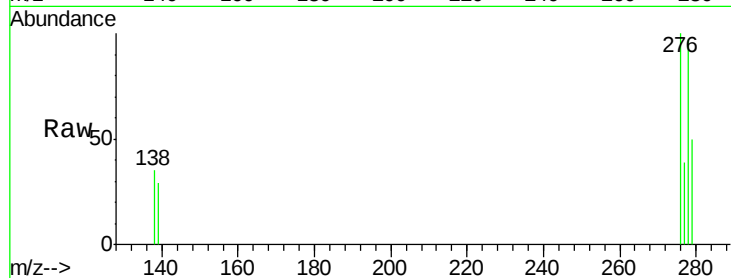


#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.76 min Scan# 2641
Delta R.T. -0.01 min
Lab File: BM000524.D
Acq: 13 Feb 2015 18:40

Instrument :
BNA_M
ClientSampleId :
SBLK18

Tgt Ion: 278 Resp: 1212

Ion	Ratio	Lower	Upper
278	100		
139	29.4	12.5	18.7#
279	51.6	22.2	33.2#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.43 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BM000524.D
Acq: 13 Feb 2015 18:40

Tgt Ion: 276 Resp: 1348

Ion	Ratio	Lower	Upper
276	100		
277	32.7	19.2	28.8#
138	32.5	16.0	24.0#

