

Data Path : Z:\HPCHEM1\BNA G\Data\BG052317\
 Data File : BG027062.D
 Acq On : 22 May 2017 17:38
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 23 02:36:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 23:42:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	175943	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	844943	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	439736	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	823069	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	729656	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	640155	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	937780	20.79	ng/ul	0.00
10) Fluorene-d10	15.60	176	617080	20.51	ng/ul	0.00
14) Anthracene-d10	17.46	188	822430	20.49	ng/ul	0.00
18) Pyrene-d10	19.74	212	777814	20.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	668679	21.02	ng/ul	0.00

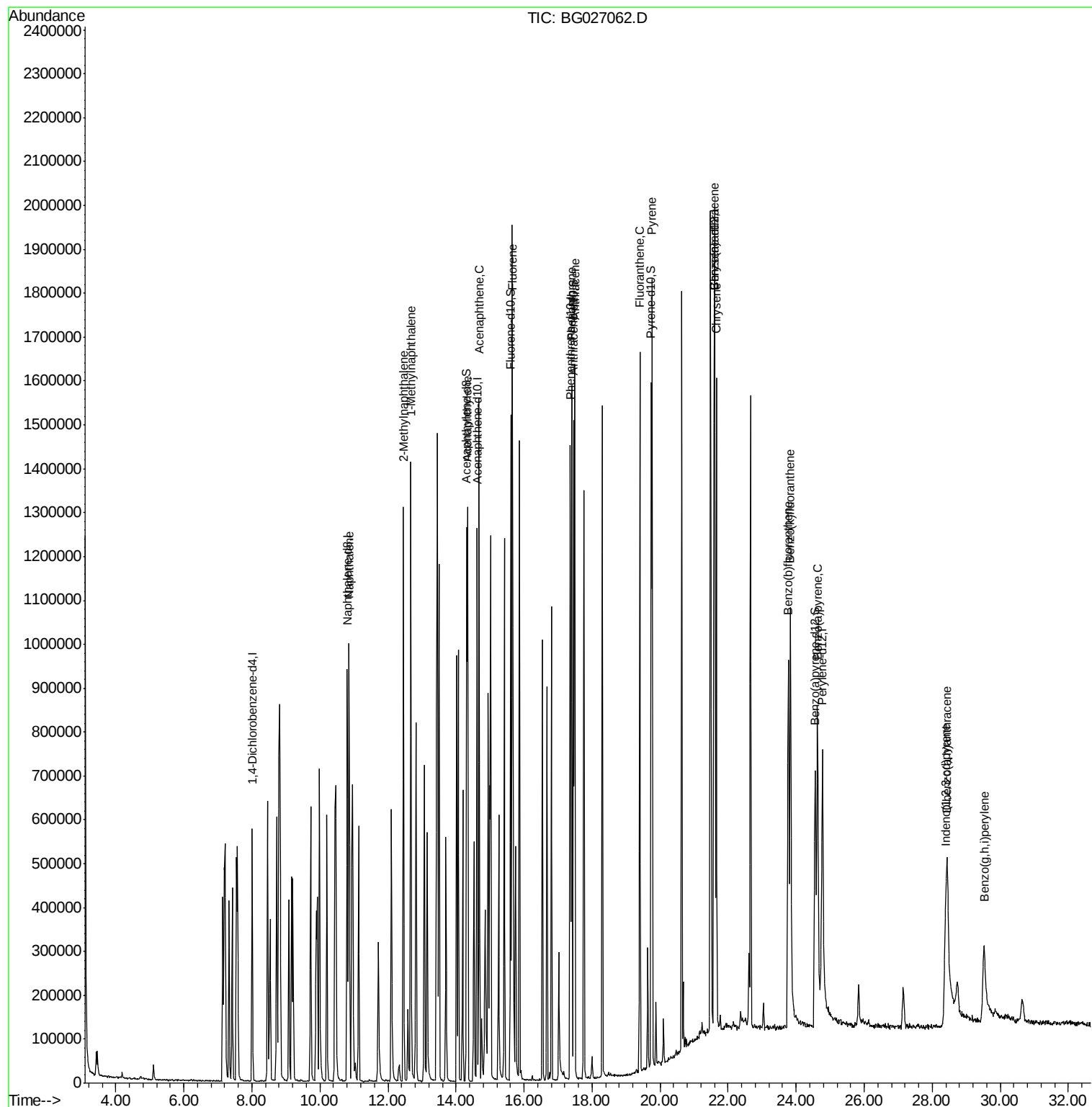
Target Compounds				Ovalue		
3) Naphthalene	10.86	128	896497	20.45	ng/ul	99
4) 2-Methylnaphthalene	12.46	142	656111	20.20	ng/ul	100
5) 1-Methylnaphthalene	12.67	142	701045	20.05	ng/ul#	96
8) Acenaphthylene	14.34	152	943245	20.81	ng/ul	98
9) Acenaphthene	14.68	153	649873	20.94	ng/ul	98
11) Fluorene	15.66	166	667264	20.18	ng/ul	97
13) Phenanthrene	17.40	178	949077	20.63	ng/ul	97
15) Anthracene	17.49	178	972217	20.57	ng/ul	98
16) Fluoranthene	19.41	202	973800	20.70	ng/ul#	93
19) Pyrene	19.76	202	993922	20.84	ng/ul#	86
20) Benzo(a)anthracene	21.59	228	892450	20.30	ng/ul	95
21) Chrysene	21.65	228	819990	20.32	ng/ul	99
23) Benzo(b)fluoranthene	23.77	252	807832	21.23	ng/ul#	95
24) Benzo(k)fluoranthene	23.83	252	860039	21.98	ng/ul#	95
26) Benzo(a)pyrene	24.63	252	792038	21.28	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.40	276	549207	16.04	ng/ul#	85
28) Dibenzo(a,h)anthracene	28.44	278	462209	15.64	ng/ul#	92
29) Benzo(g,h,i)perylene	29.53	276	375293	13.78	ng/ul#	86

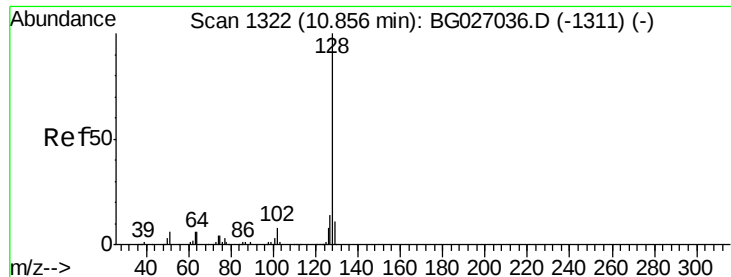
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\Data\BG052317\
Data File : BG027062.D
Acq On : 22 May 2017 17:38
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 23 02:36:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 23:42:44 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 20.45 ng/ul

RT: 10.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

Instrument :

BNA_G

ClientSampleId :

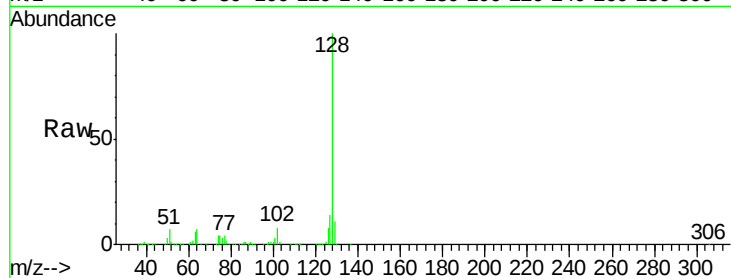
Tot Ion:128 Resp: 896497

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

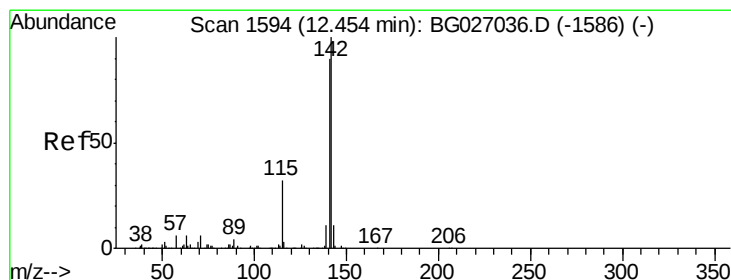
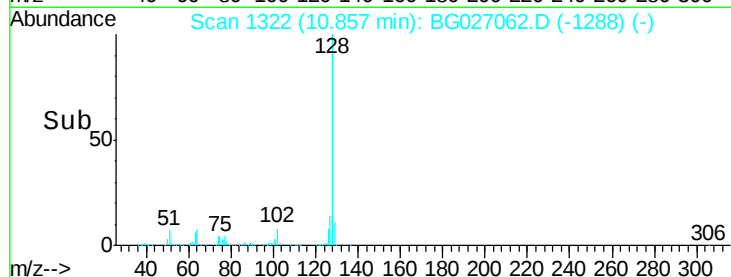
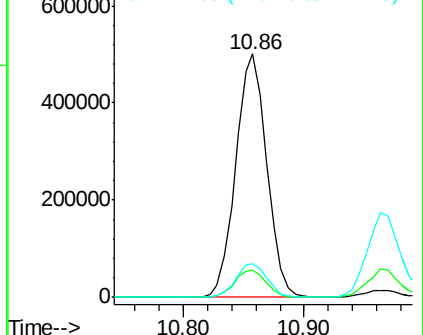
127 14.0 10.6 16.0



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



#4

2-Methylnaphthalene

Concen: 20.20 ng/ul

RT: 12.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BG027062.D

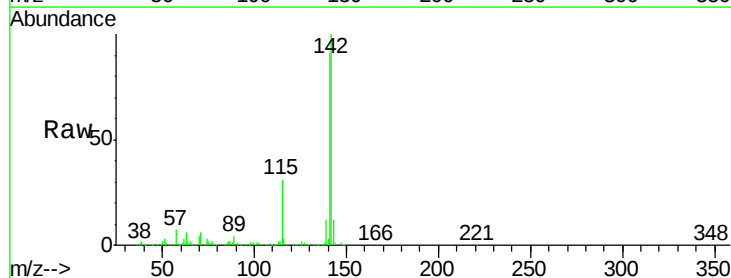
Acq: 22 May 2017 17:38

Tgt Ion:142 Resp: 656111

Ion Ratio Lower Upper

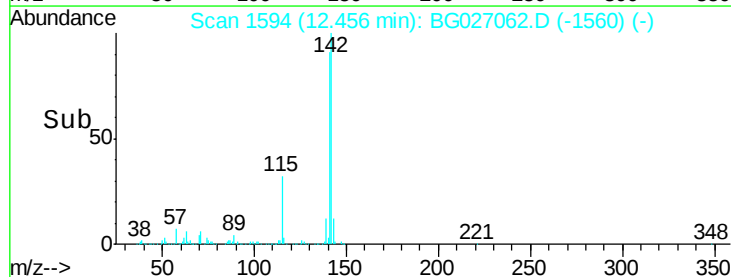
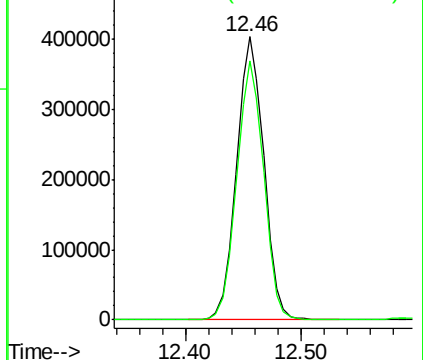
142 100

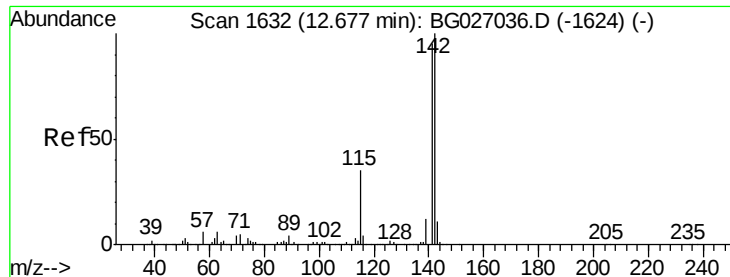
141 91.3 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 20.05 ng/ul

RT: 12.67 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

Instrument :

BNA_G

ClientSampled :

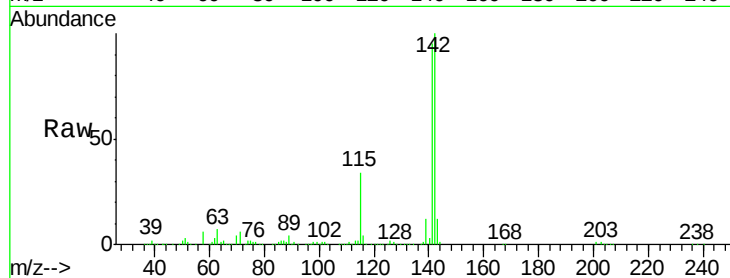
Tot Ion:142 Resp: 701045

Ion Ratio Lower Upper

142 100

141 94.9 79.3 118.9

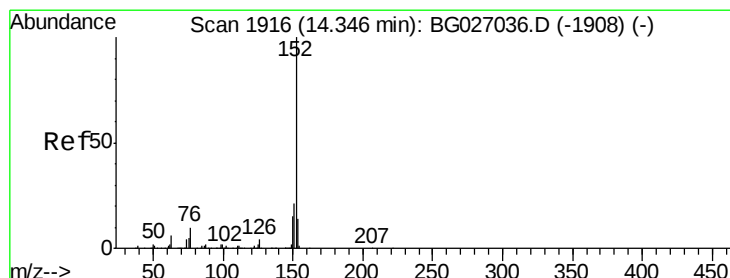
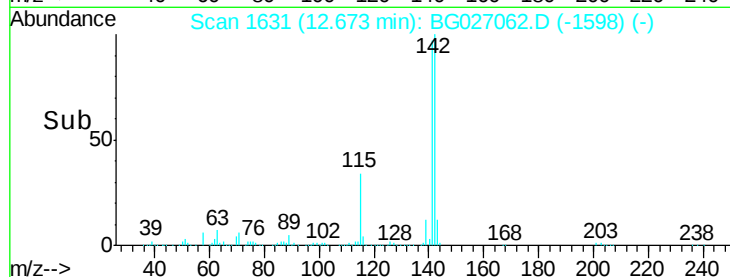
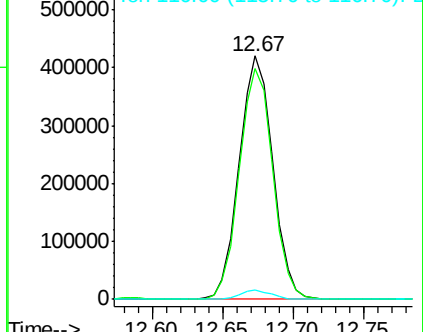
116 3.8 4.2 6.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#8

Acenaphthylene

Concen: 20.81 ng/ul

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

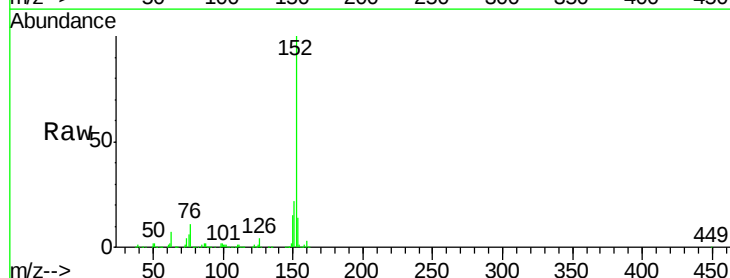
Tgt Ion:152 Resp: 943245

Ion Ratio Lower Upper

152 100

151 21.6 16.7 25.1

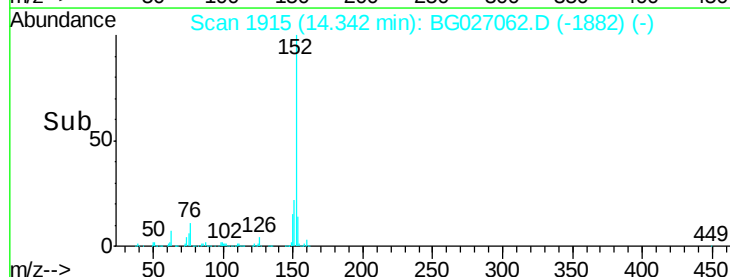
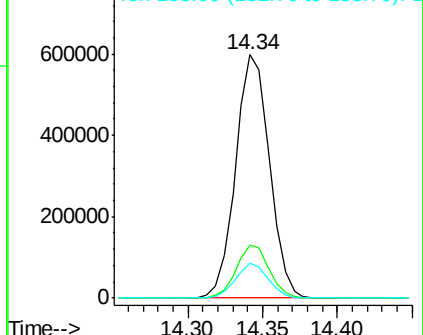
153 14.4 10.2 15.4

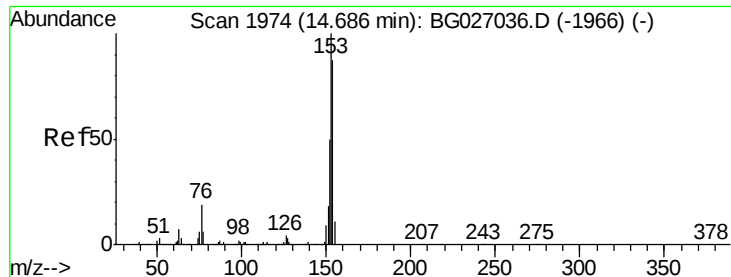


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 20.94 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

Instrument :

BNA_G

ClientSampled :

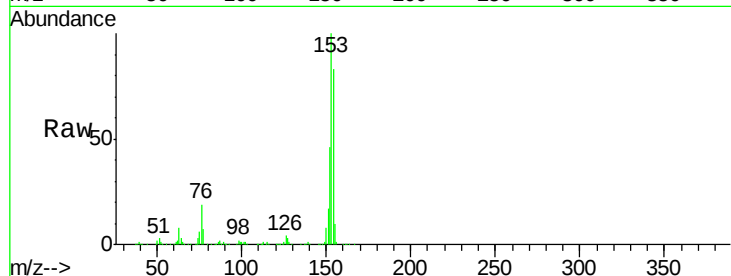
Tot Ion:153 Resp: 649873

Ion Ratio Lower Upper

153 100

152 46.2 39.0 58.6

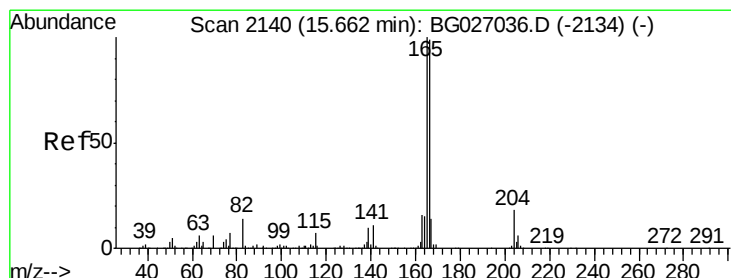
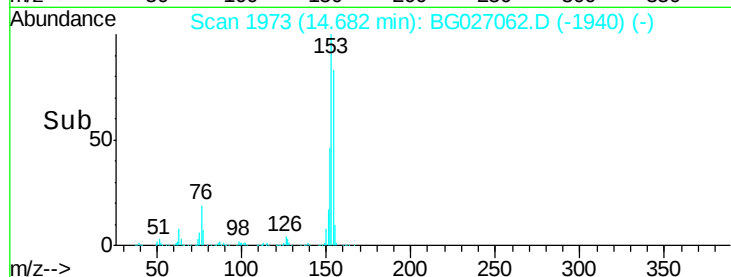
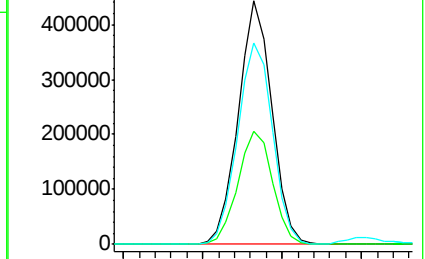
154 82.9 66.8 100.2



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: 20.18 ng/ul

RT: 15.66 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

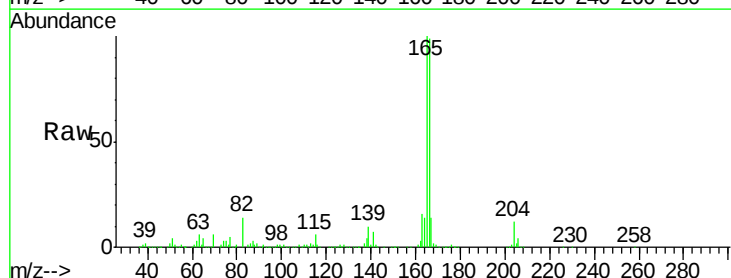
Tgt Ion:166 Resp: 667264

Ion Ratio Lower Upper

166 100

165 101.2 83.8 125.8

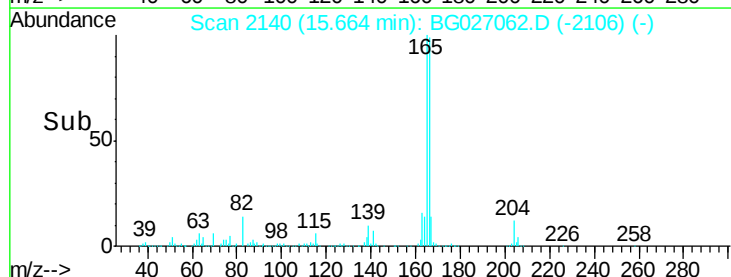
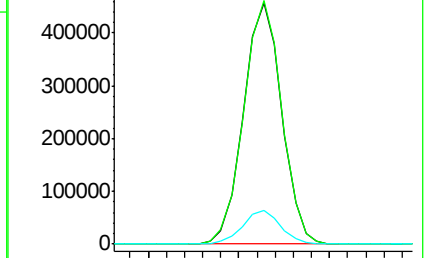
167 14.1 11.5 17.3

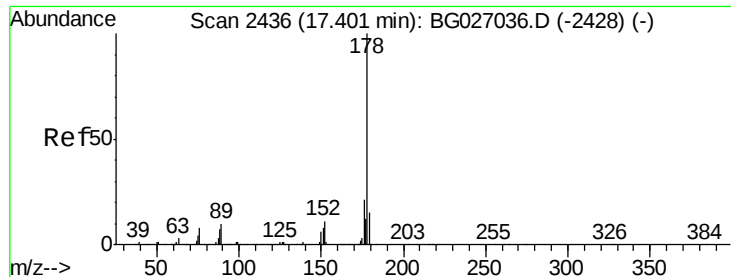


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 20.63 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

Instrument :

BNA_G

ClientSampleId :

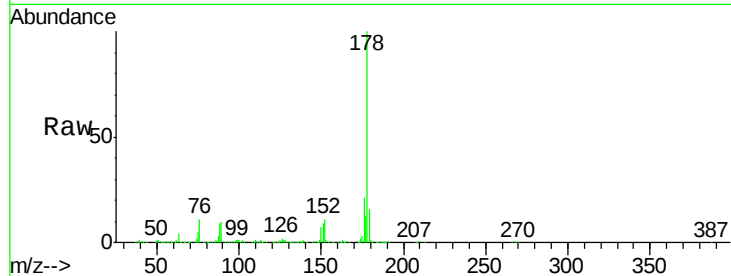
Tot Ion:178 Resp: 949077

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

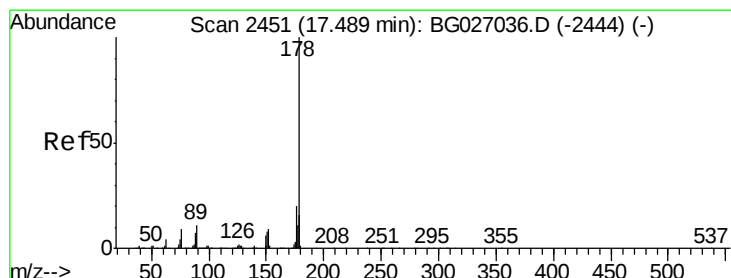
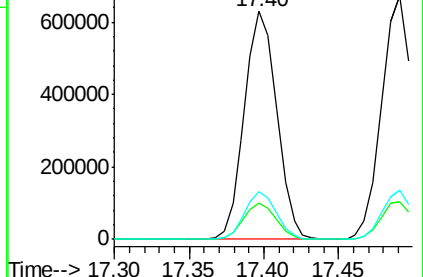
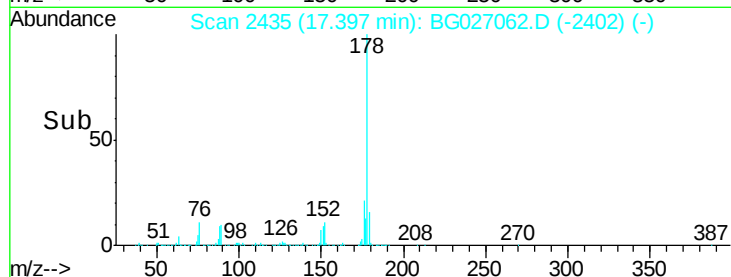
176 20.7 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Anthracene

Concen: 20.57 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

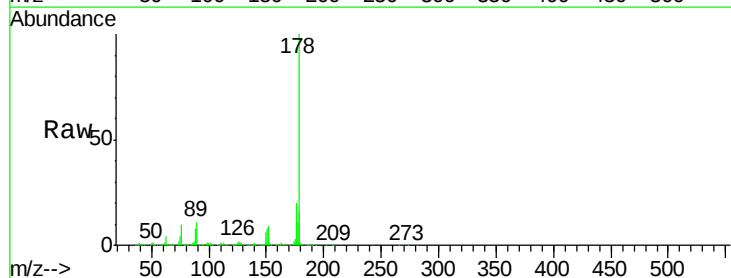
Tgt Ion:178 Resp: 972217

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.8

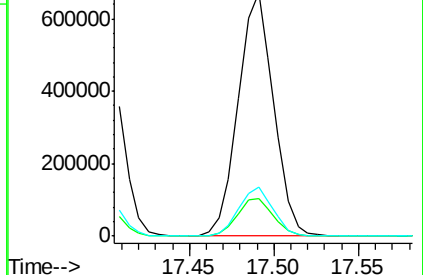
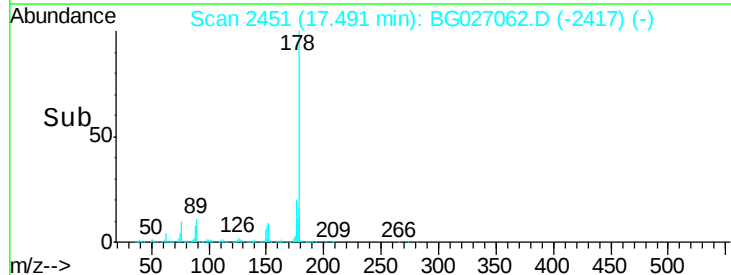
176 20.0 15.2 22.8

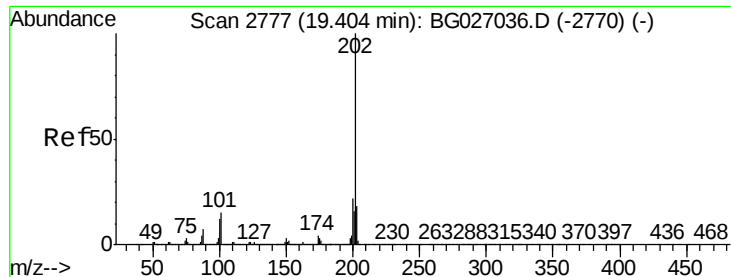


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 20.70 ng/ul

RT: 19.41 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

Instrument :

BNA_G

ClientSampleId :

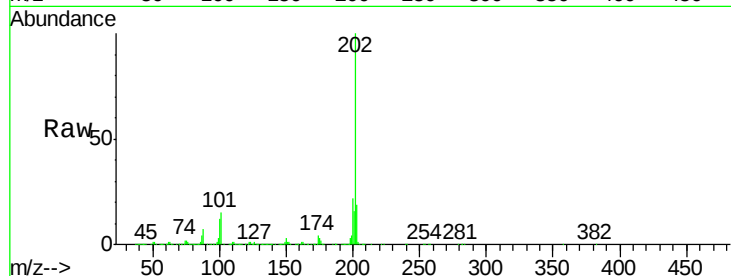
Tot Ion:202 Resp: 973800

Ion Ratio Lower Upper

202 100

101 14.9 9.9 14.9#

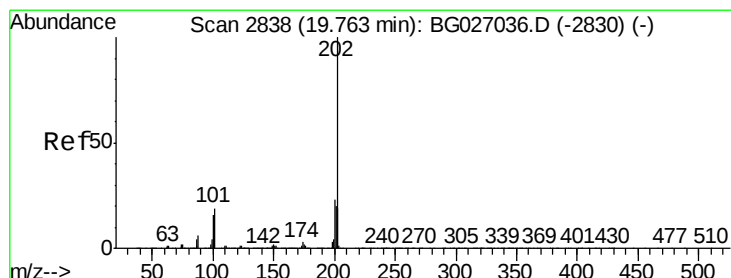
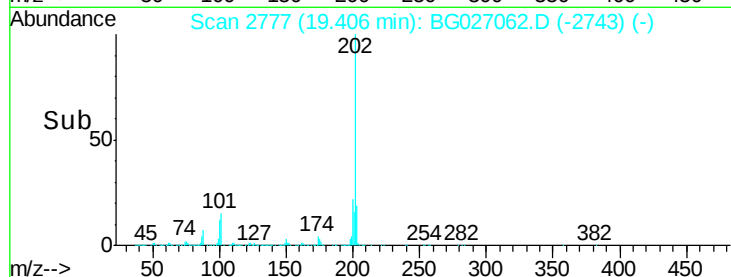
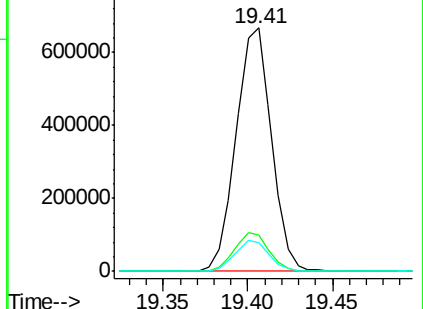
100 11.9 7.4 11.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#19

Pyrene

Concen: 20.84 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

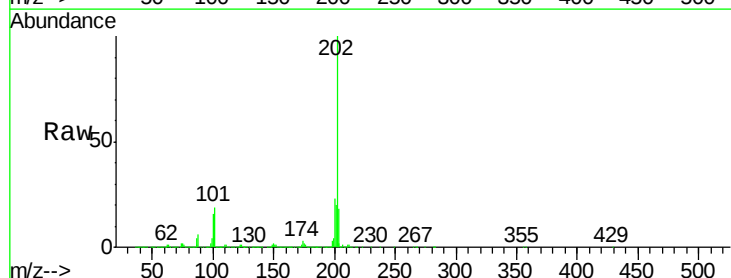
Tgt Ion:202 Resp: 993922

Ion Ratio Lower Upper

202 100

101 19.2 11.0 16.4#

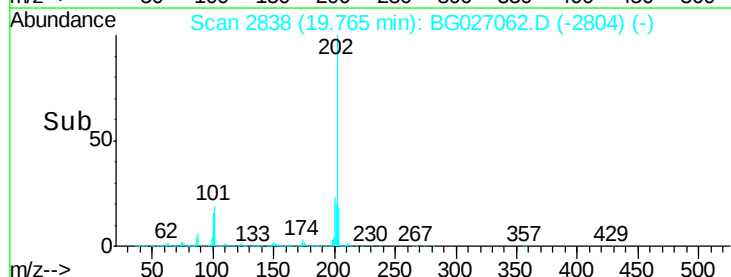
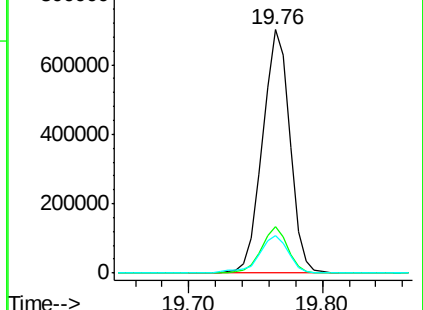
100 15.6 8.1 12.1#

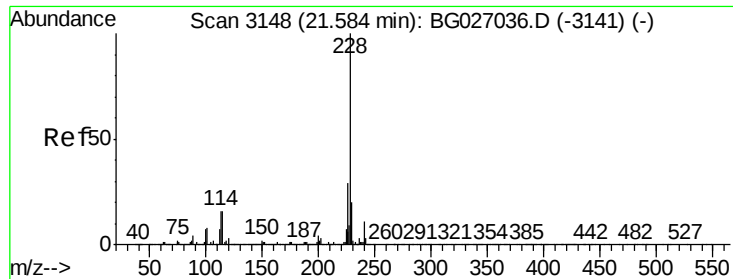


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 20.30 ng/ul

RT: 21.59 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG027062.D

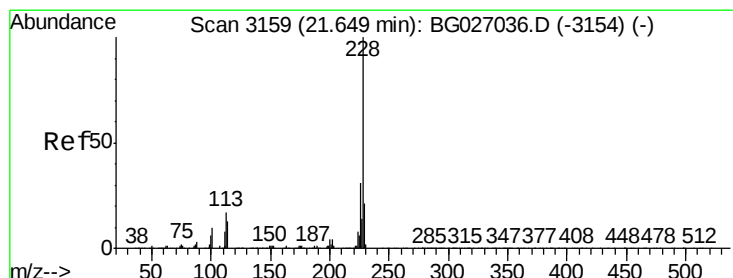
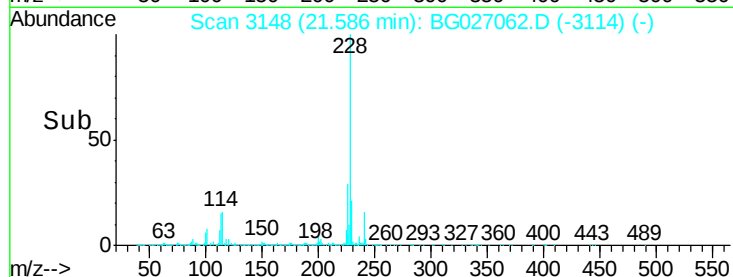
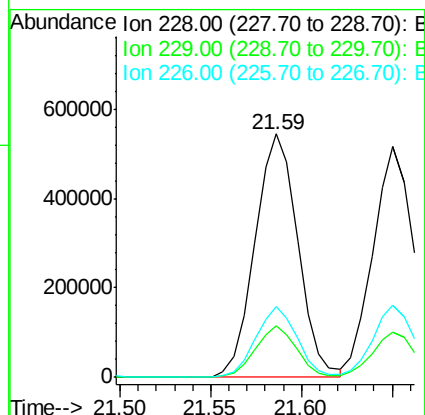
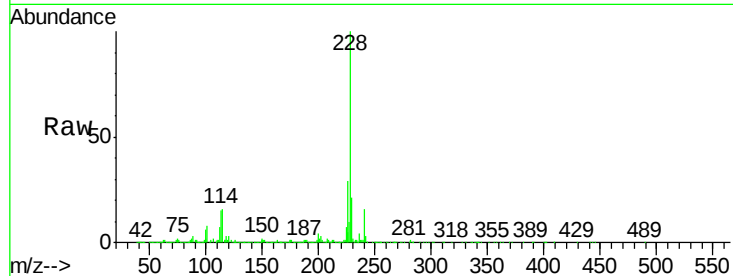
Acq: 22 May 2017 17:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	228	Resp:	892450
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	29.2	21.1	31.7



#21

Chrysene

Concen: 20.32 ng/ul

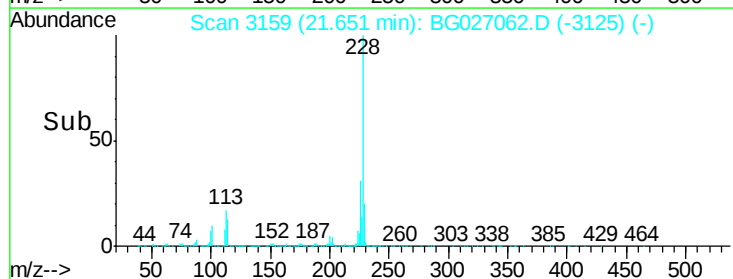
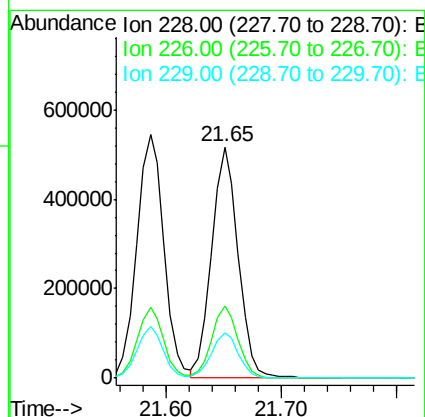
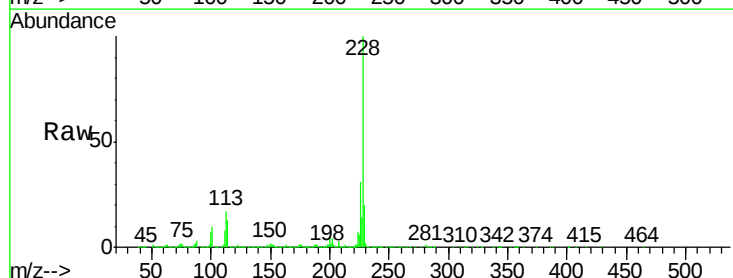
RT: 21.65 min Scan# 3159

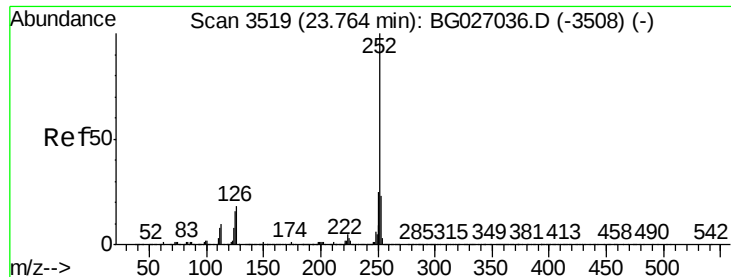
Delta R.T. 0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

Tgt Ion:	228	Resp:	819990
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	19.6	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 21.23 ng/ul

RT: 23.77 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

Instrument :

BNA_G

ClientSampleId :

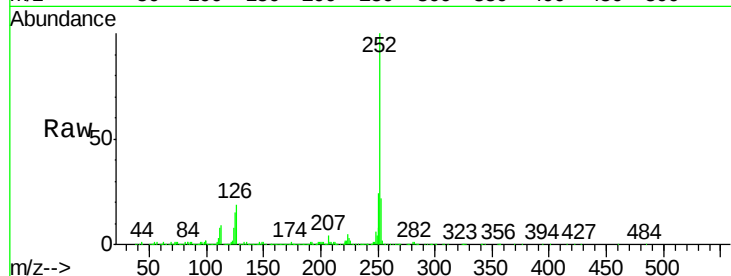
Tot Ion:252 Resp: 807832

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

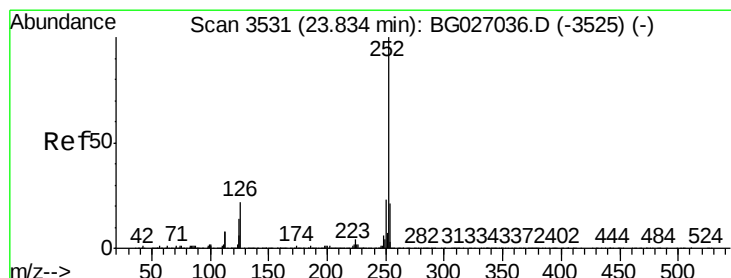
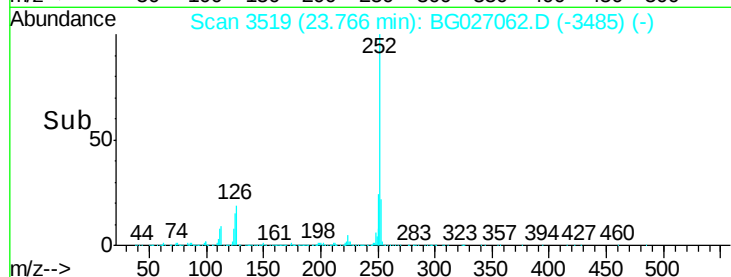
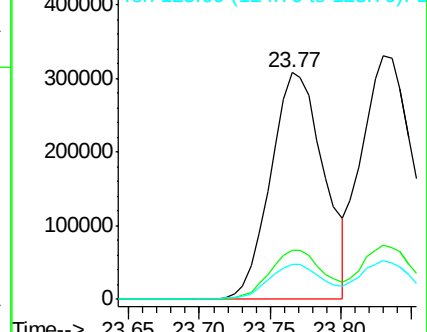
125 15.2 8.0 12.0#



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

Benzo(k)fluoranthene

Concen: 21.98 ng/ul

RT: 23.83 min Scan# 3530

Delta R.T. -0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

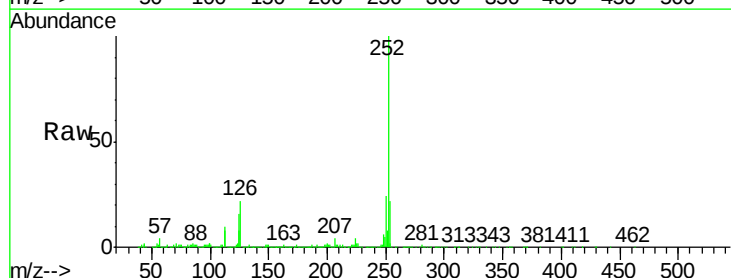
Tgt Ion:252 Resp: 860039

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

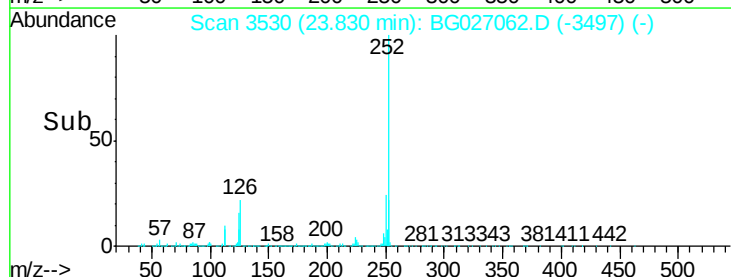
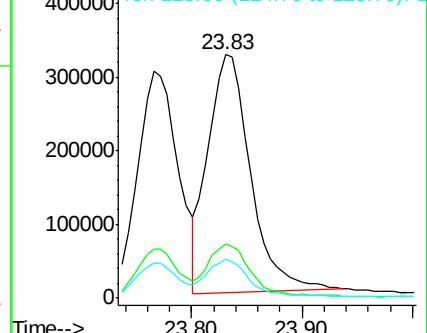
125 16.1 8.1 12.1#

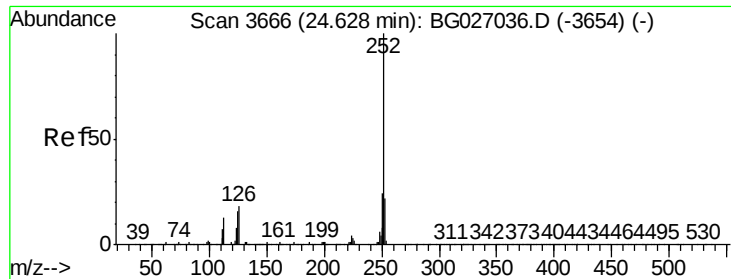


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 21.28 ng/ul

RT: 24.63 min Scan# 3666

Delta R.T. 0.00 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

Instrument :

BNA_G

ClientSampleId :

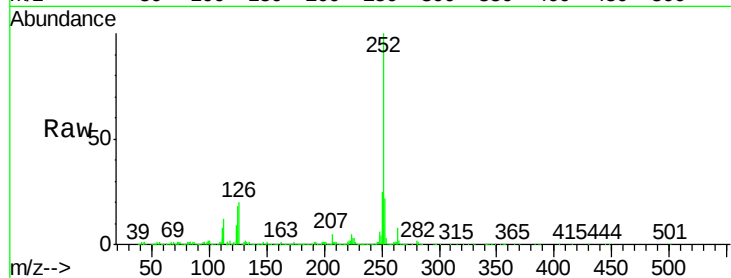
Tot Ion:252 Resp: 792038

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

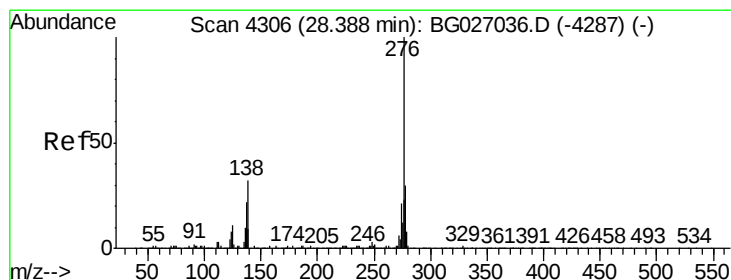
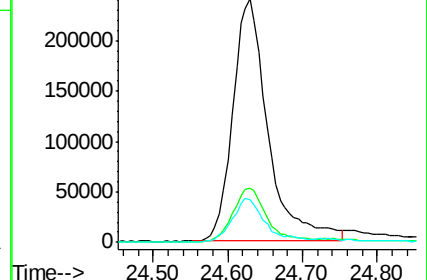
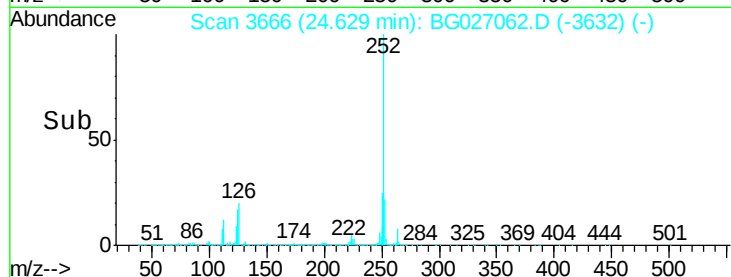
125 17.7 8.2 12.4#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 16.04 ng/ul

RT: 28.40 min Scan# 4307

Delta R.T. 0.01 min

Lab File: BG027062.D

Acq: 22 May 2017 17:38

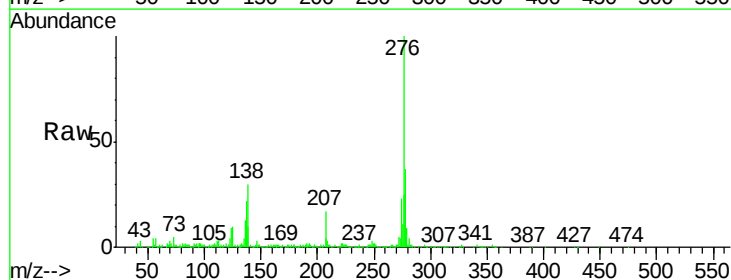
Tgt Ion:276 Resp: 549207

Ion Ratio Lower Upper

276 100

138 29.6 14.4 21.6#

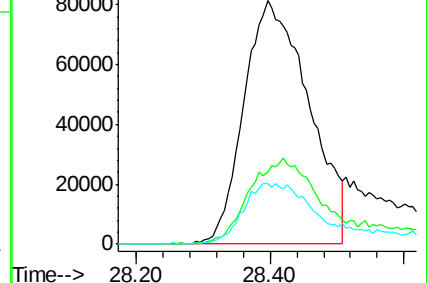
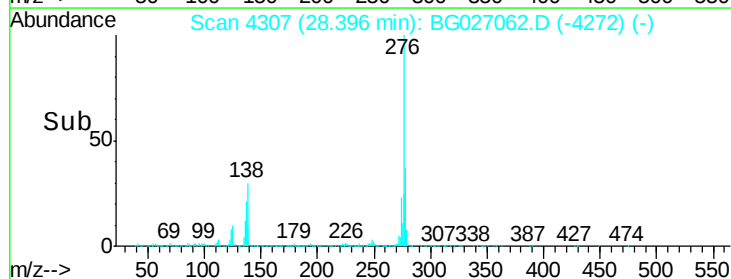
277 25.1 18.0 27.0

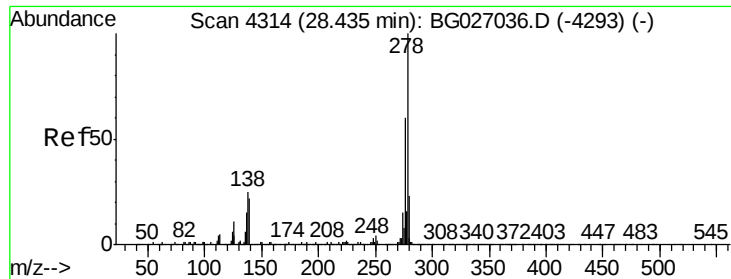


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

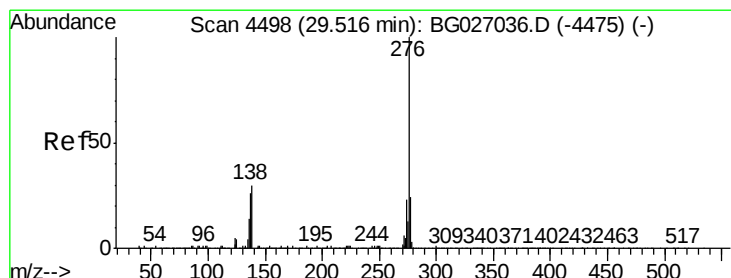
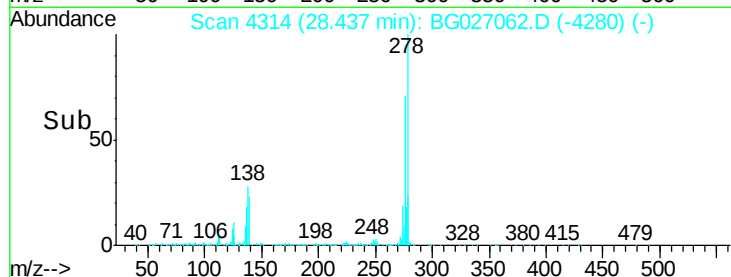
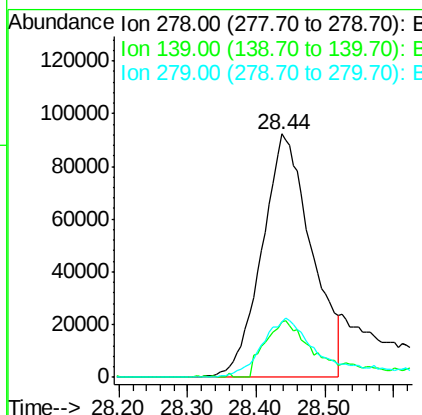
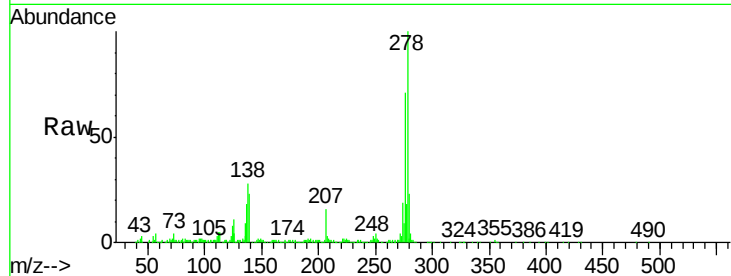




#28
Dibenzo(a,h)anthracene
Concen: 15.64 ng/ul
RT: 28.44 min Scan# 4314
Delta R.T. 0.00 min
Lab File: BG027062.D
Acq: 22 May 2017 17:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 462209
Ion Ratio Lower Upper
278 100
139 23.0 12.2 18.4#
279 23.0 19.2 28.8



#29
Benzo(g,h,i)perylene
Concen: 13.78 ng/ul
RT: 29.53 min Scan# 4500
Delta R.T. 0.01 min
Lab File: BG027062.D
Acq: 22 May 2017 17:38

Tgt Ion:276 Resp: 375293
Ion Ratio Lower Upper
276 100
138 32.0 15.3 22.9#
277 22.4 19.0 28.4

