

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
 Data File : BG029093.D
 Acq On : 8 Oct 2017 22:18
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 07:36:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 07:29:39 2017
 Response via : Initial Calibration

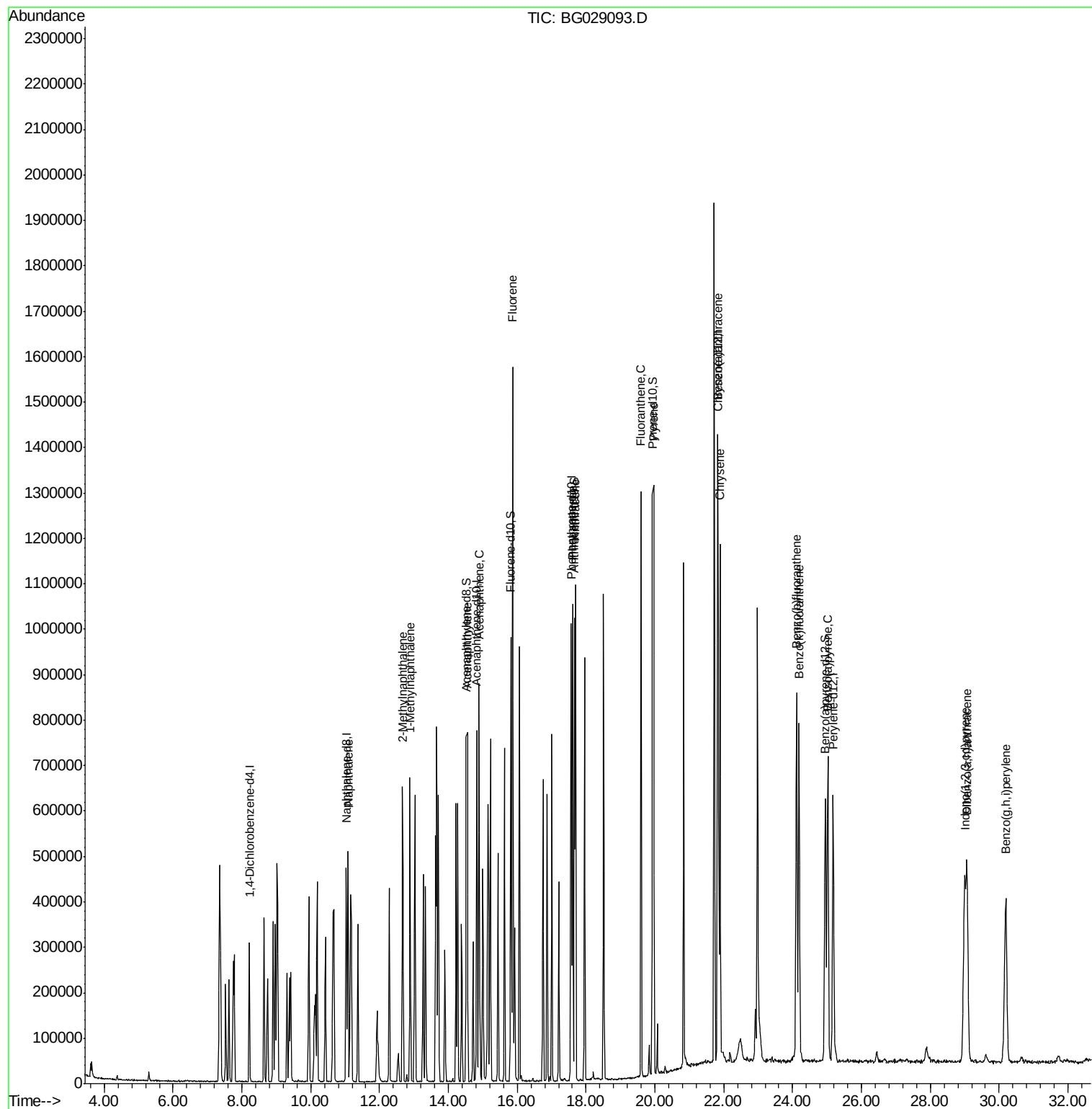
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	93528	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	422590	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	271459	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	619036	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	605530	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	597555	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	574779	20.36	ng/ul	0.00
10) Fluorene-d10	15.81	176	411544	20.10	ng/ul	0.00
14) Anthracene-d10	17.66	188	626607	20.90	ng/ul	0.00
18) Pyrene-d10	19.93	212	654687	21.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	600485	20.98	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.08	128	448873	20.404	ng/ul	99
4) 2-Methylnaphthalene	12.67	142	336706	20.165	ng/ul	99
5) 1-Methylnaphthalene	12.89	142	320156	20.090	ng/ul#	94
8) Acenaphthylene	14.55	152	561929	20.673	ng/ul	99
9) Acenaphthene	14.89	153	375156	20.280	ng/ul	94
11) Fluorene	15.86	166	433316	20.014	ng/ul	95
13) Phenanthrene	17.60	178	680409	20.607	ng/ul	98
15) Anthracene	17.69	178	697533	20.649	ng/ul	98
16) Fluoranthene	19.59	202	801856	20.716	ng/ul	99
19) Pyrene	19.96	202	798315	21.150	ng/ul	97
20) Benzo(a)anthracene	21.82	228	774458	21.717	ng/ul	97
21) Chrysene	21.89	228	710006	21.743	ng/ul	99
23) Benzo(b)fluoranthene	24.11	252	762944	21.342	ng/ul	99
24) Benzo(k)fluoranthene	24.18	252	736748	21.116	ng/ul	99
26) Benzo(a)pyrene	25.02	252	735553	21.184	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	29.00	276	831143	21.091	ng/ul#	94
28) Dibenzo(a,h)anthracene	29.07	278	693477	21.254	ng/ul	97
29) Benzo(a,h,i)perylene	30.19	276	686063	21.112	ng/ul#	94

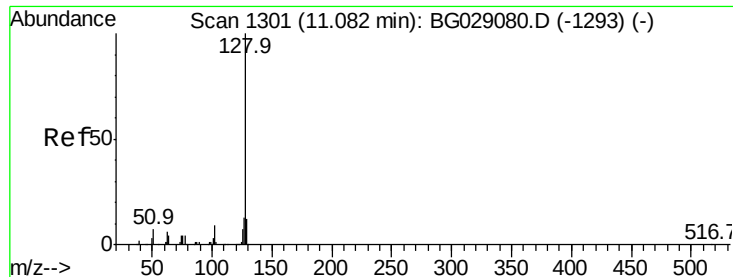
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
Data File : BG029093.D
Acq On : 8 Oct 2017 22:18
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :

Quant Time: Oct 09 07:36:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 07:29:39 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 20.404 ng/ul

RT: 11.08 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

Instrument :

BNA_G

ClientSampleId :

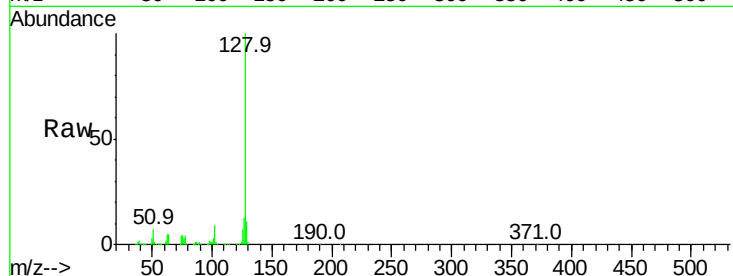
Tot Ion:128 Resp: 448873

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

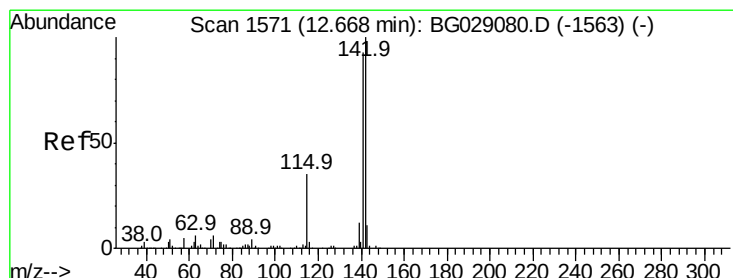
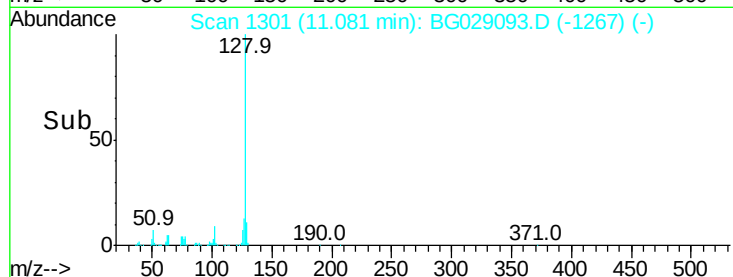
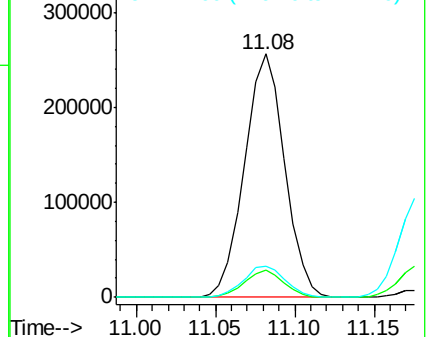
127 12.7 10.6 16.0



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: 20.165 ng/ul

RT: 12.67 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BG029093.D

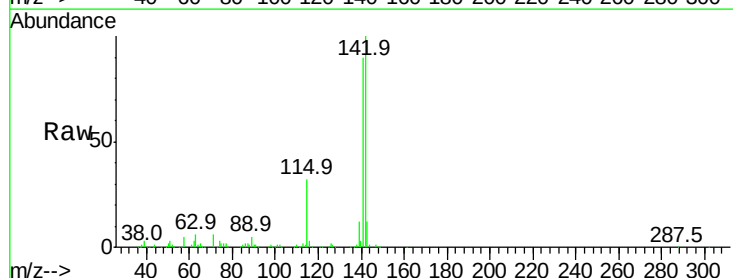
Acq: 8 Oct 2017 22:18

Tgt Ion:142 Resp: 336706

Ion Ratio Lower Upper

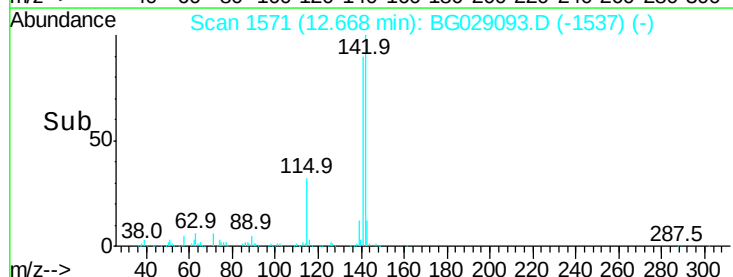
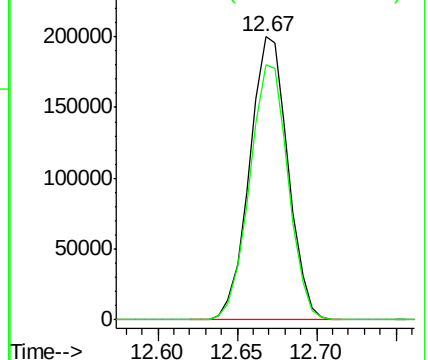
142 100

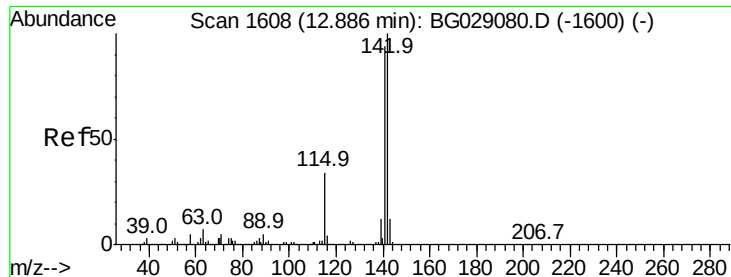
141 90.4 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 20.090 ng/ul

RT: 12.89 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

Instrument :

BNA_G

ClientSampled :

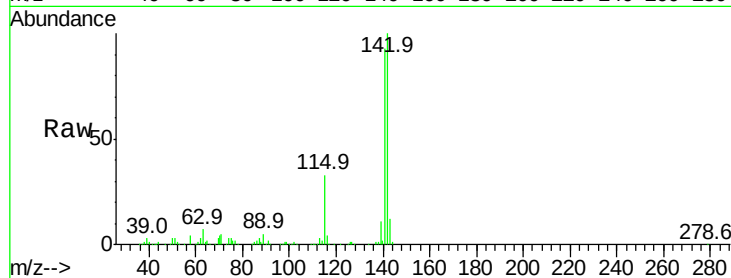
Tot Ion:142 Resp: 320156

Ion Ratio Lower Upper

142 100

141 93.0 79.3 118.9

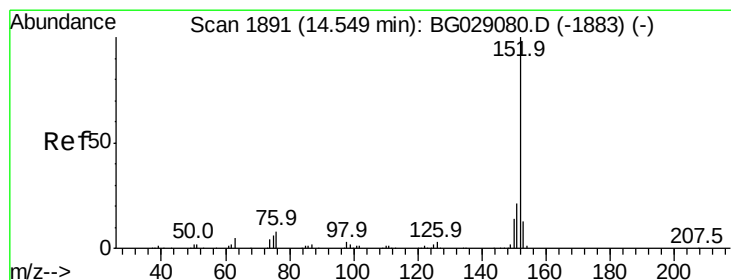
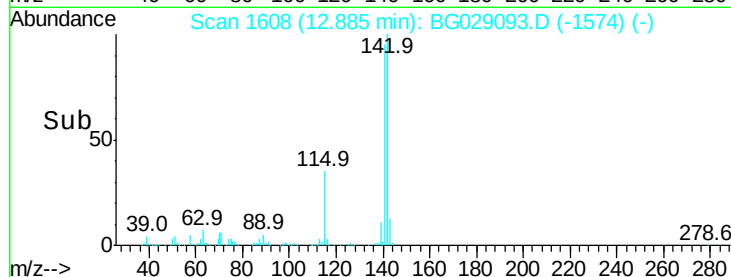
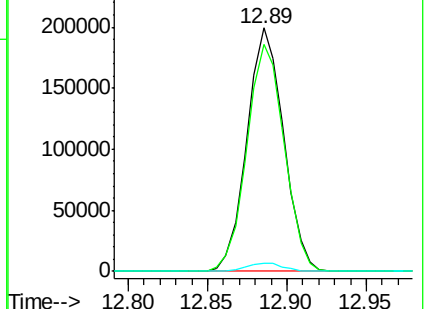
116 3.5 4.2 6.2#



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: 20.673 ng/ul

RT: 14.55 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

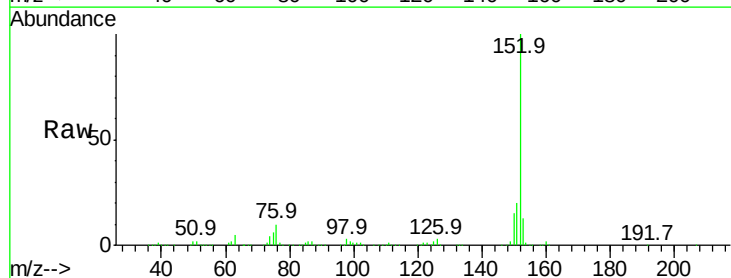
Tgt Ion:152 Resp: 561929

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1

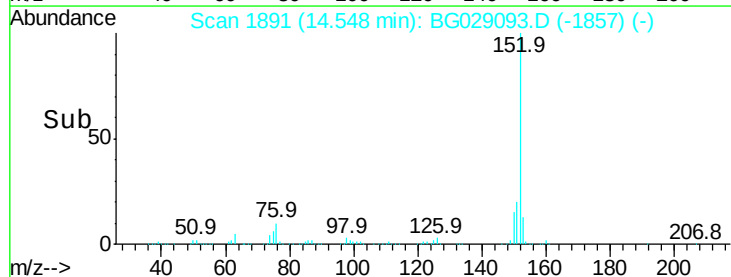
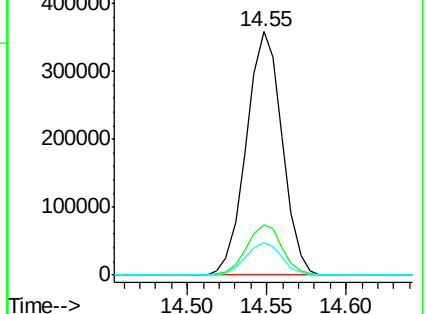
153 13.1 10.2 15.4

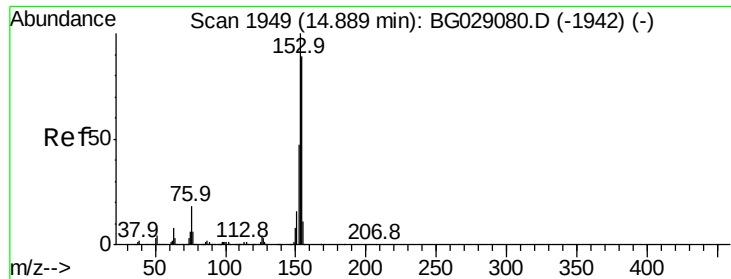


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 20.280 ng/ul

RT: 14.89 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

Instrument :

BNA_G

ClientSampleId :

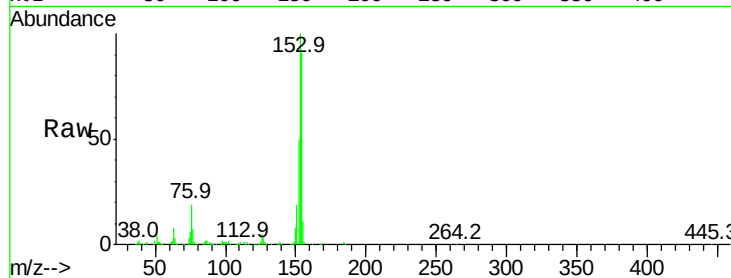
Tot Ion:153 Resp: 375156

Ion Ratio Lower Upper

153 100

152 50.5 39.0 58.6

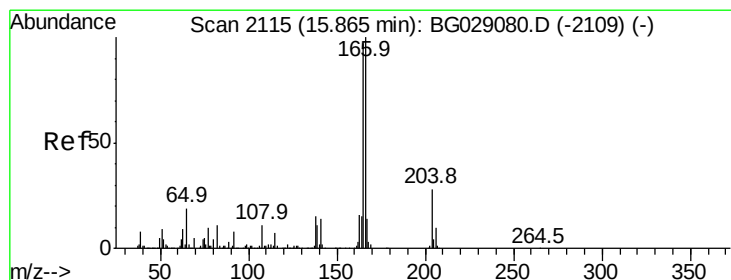
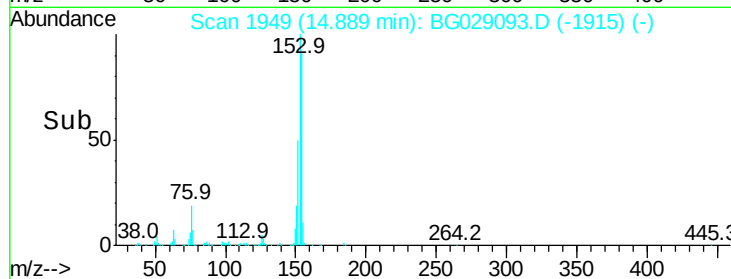
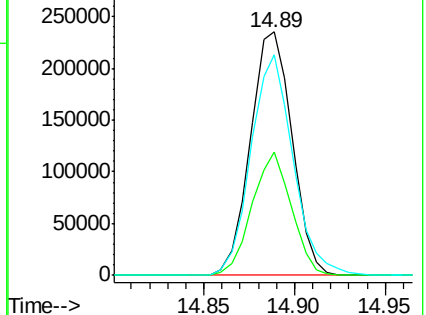
154 90.7 66.8 100.2



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: 20.014 ng/ul

RT: 15.86 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

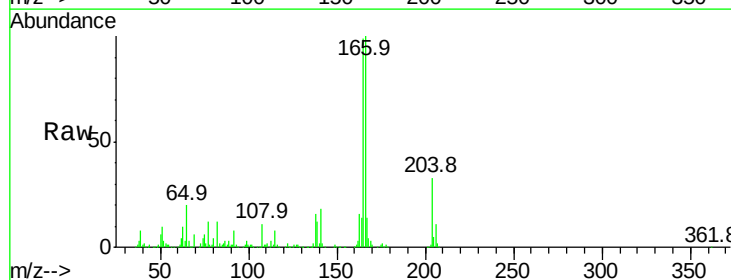
Tgt Ion:166 Resp: 433316

Ion Ratio Lower Upper

166 100

165 99.0 83.8 125.8

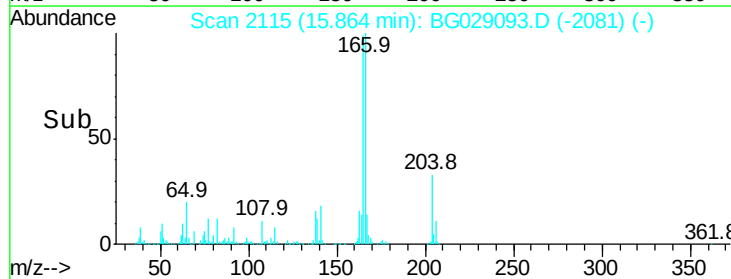
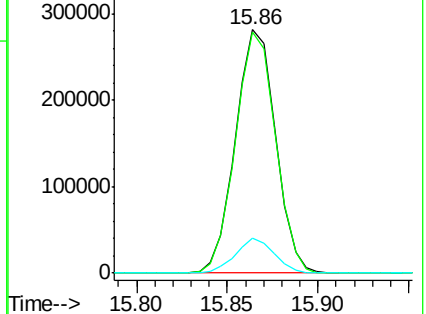
167 14.2 11.5 17.3

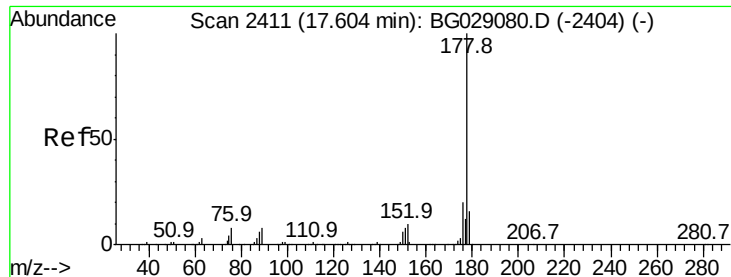


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 20.607 ng/ul

RT: 17.60 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

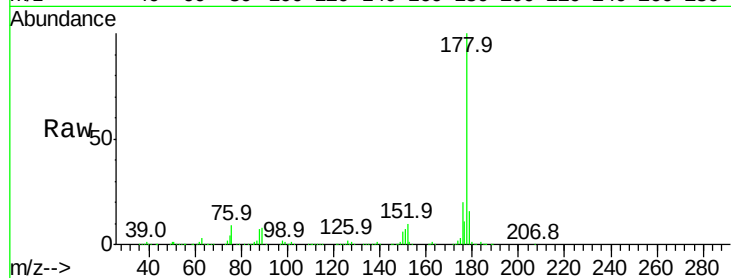
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 680409

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.8	15.1	22.7

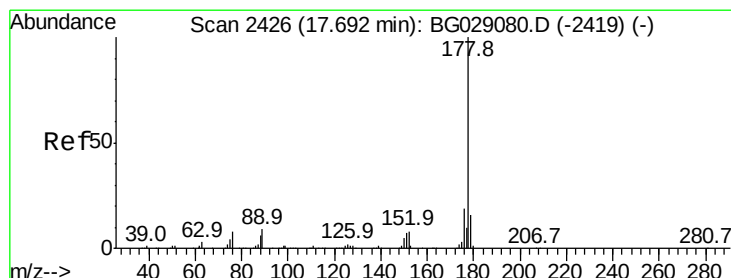
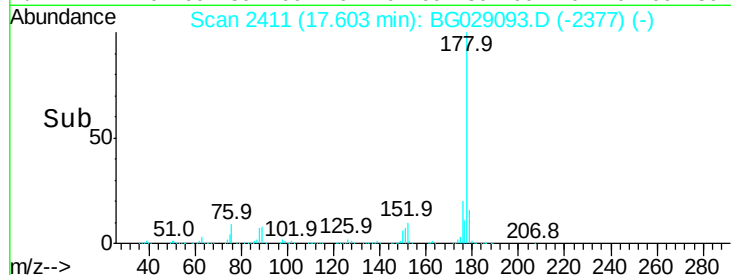
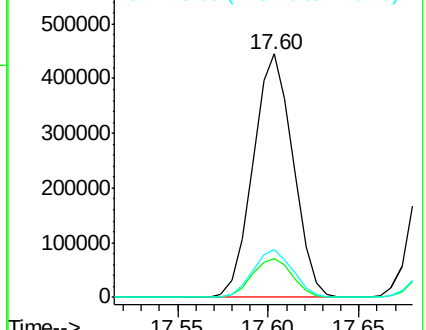


Abundance

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: 20.649 ng/ul

RT: 17.69 min Scan# 2426

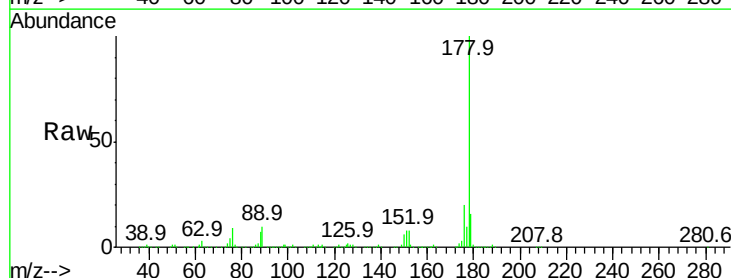
Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

Tgt Ion:178 Resp: 697533

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.8
176	19.8	15.2	22.8

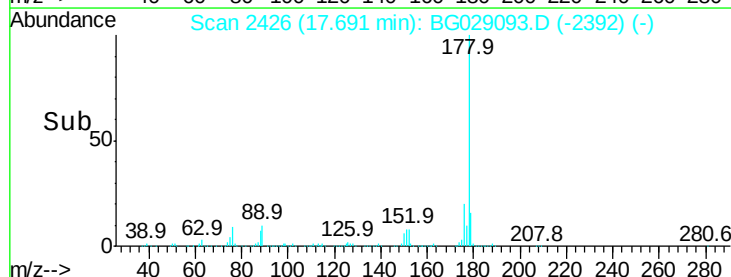
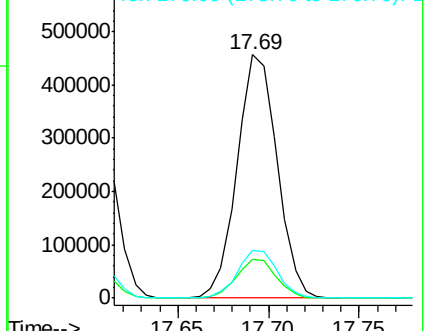


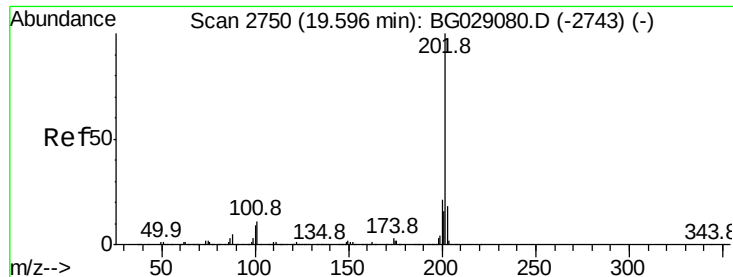
Abundance

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

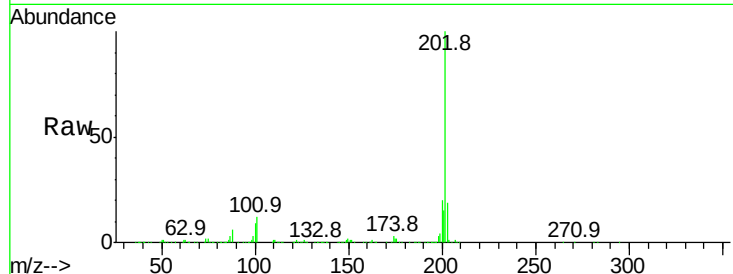




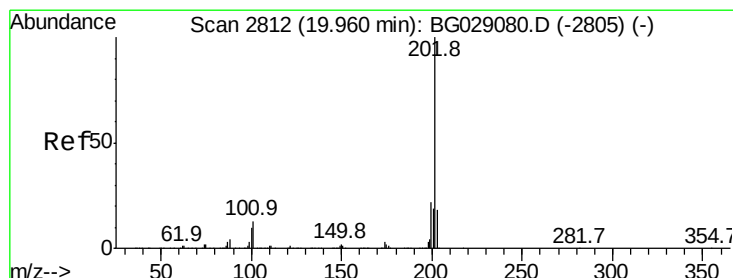
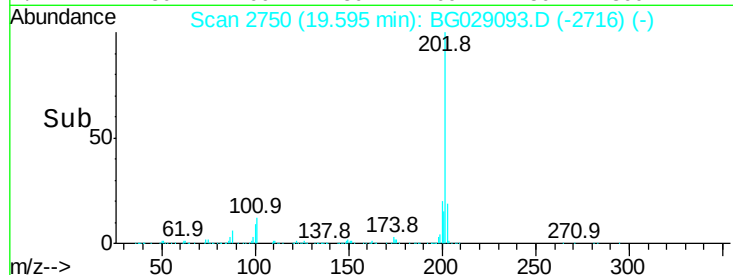
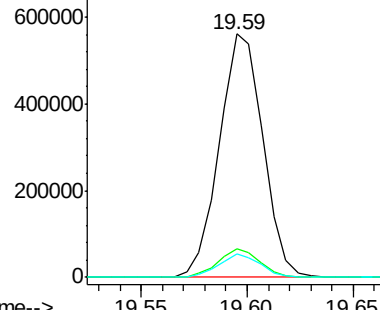
#16
Fluoranthene
Concen: 20.716 ng/ul
RT: 19.59 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG029093.D
Acq: 8 Oct 2017 22:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.9	14.9
100	9.4	7.4	11.0

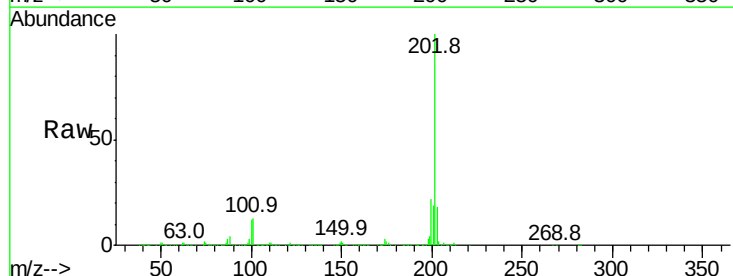


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

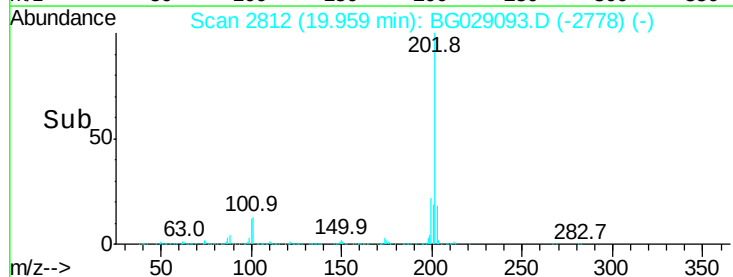
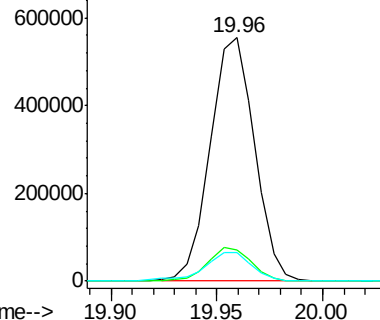


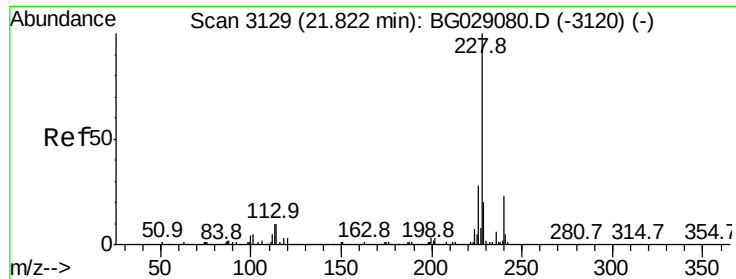
#19
Pyrene
Concen: 21.150 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG029093.D
Acq: 8 Oct 2017 22:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.0	16.4
100	12.0	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

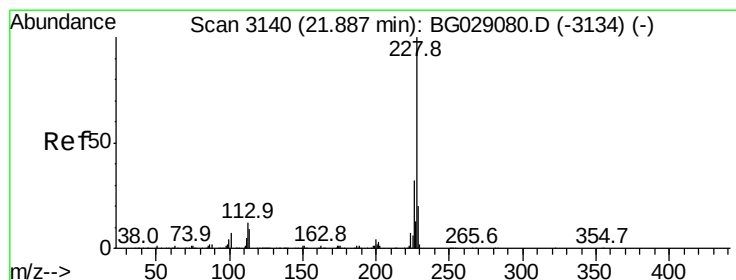
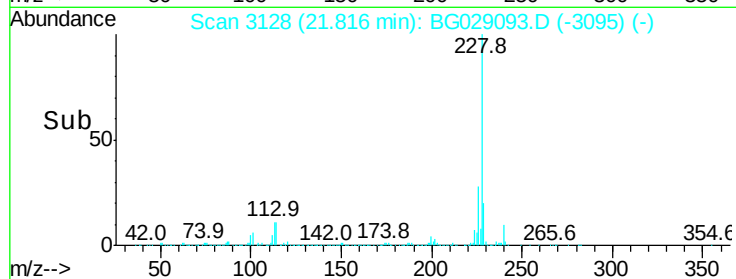
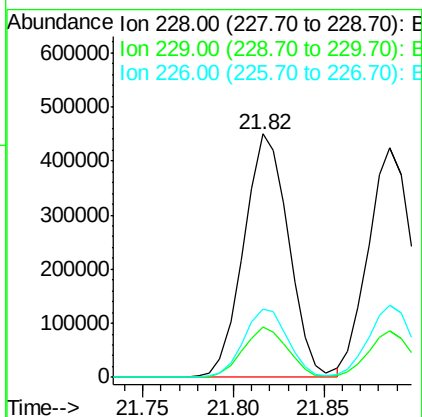
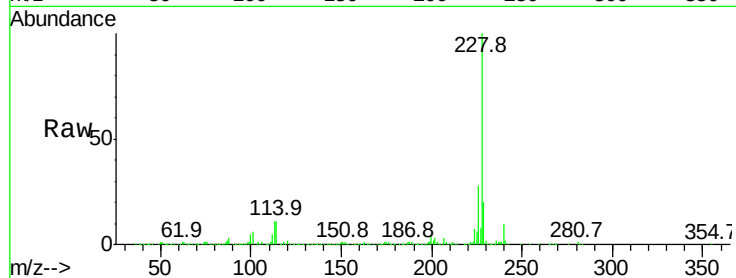




#20
Benzo(a)anthracene
Concen: 21.717 ng/ul
RT: 21.82 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG029093.D
Acq: 8 Oct 2017 22:18

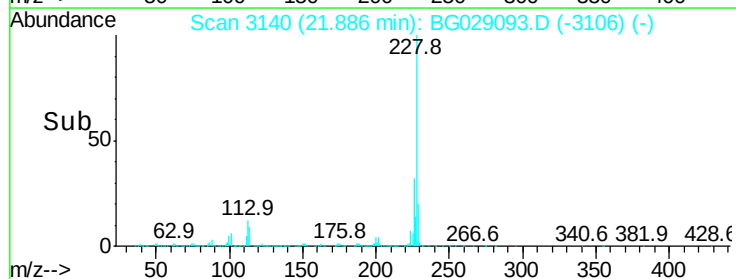
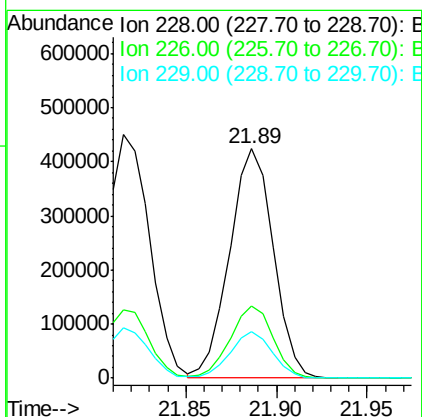
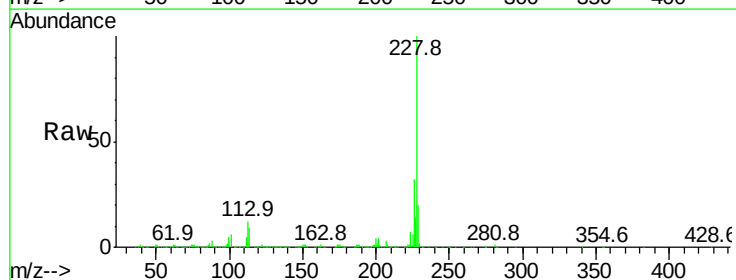
Instrument :
BNA_G
ClientSampleId :

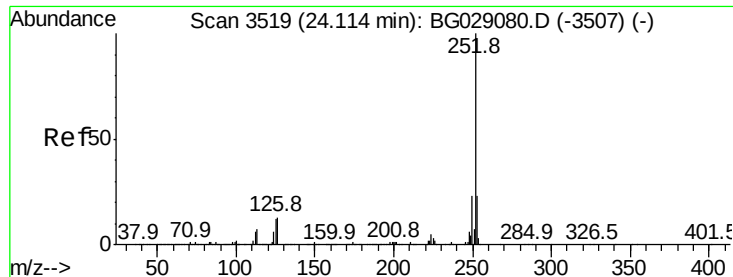
Tot Ion:228 Resp: 774458
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.0 21.1 31.7



#21
Chrysene
Concen: 21.743 ng/ul
RT: 21.89 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG029093.D
Acq: 8 Oct 2017 22:18

Tgt Ion:228 Resp: 710006
Ion Ratio Lower Upper
228 100
226 31.6 24.5 36.7
229 20.3 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 21.342 ng/ul

RT: 24.11 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

Instrument :

BNA_G

ClientSampleId :

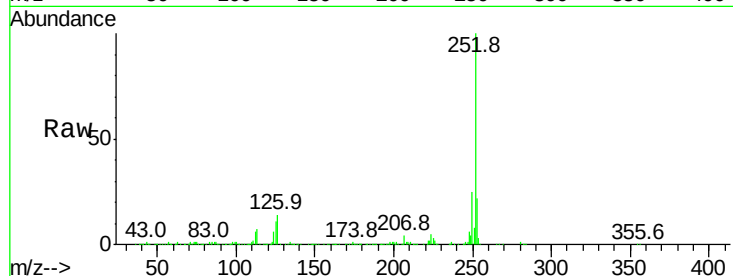
Tot Ion:252 Resp: 762944

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

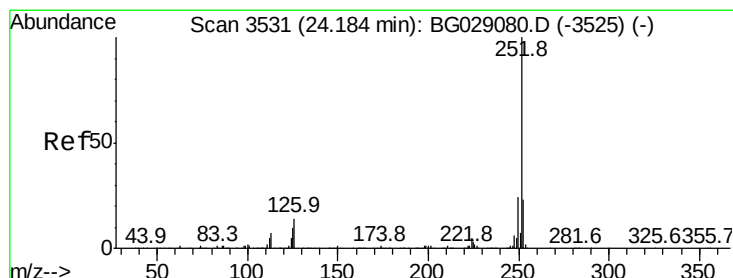
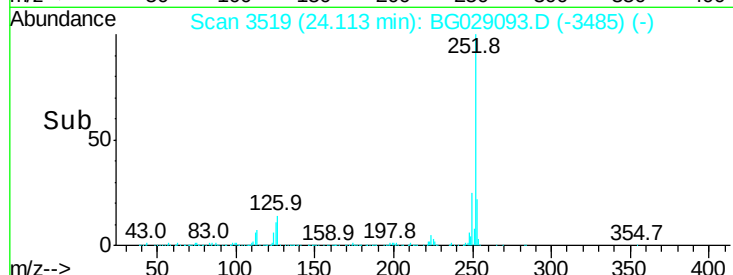
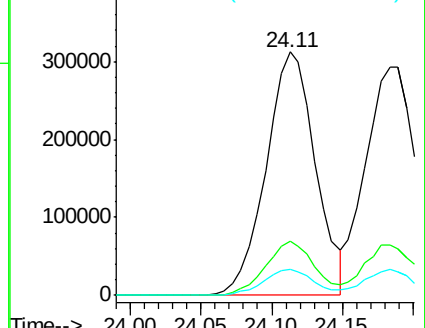
125 10.7 8.0 12.0



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: 21.116 ng/ul

RT: 24.18 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

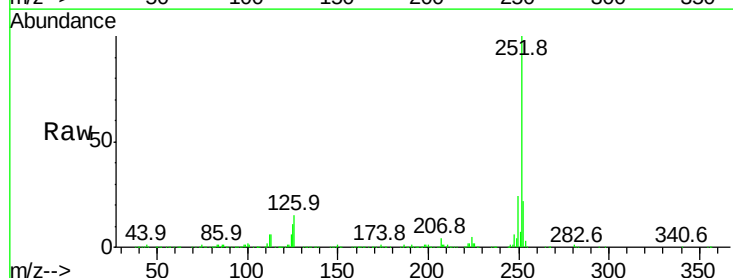
Tgt Ion:252 Resp: 736748

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

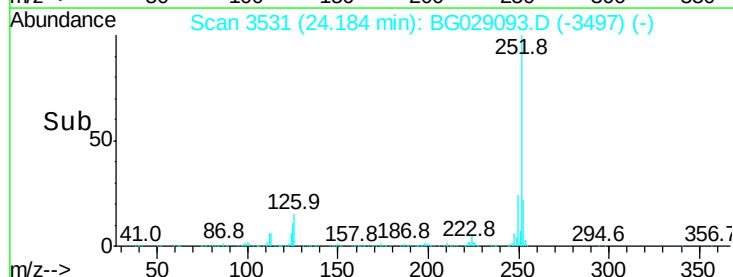
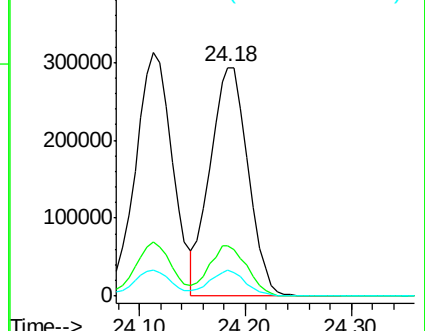
125 11.5 8.1 12.1

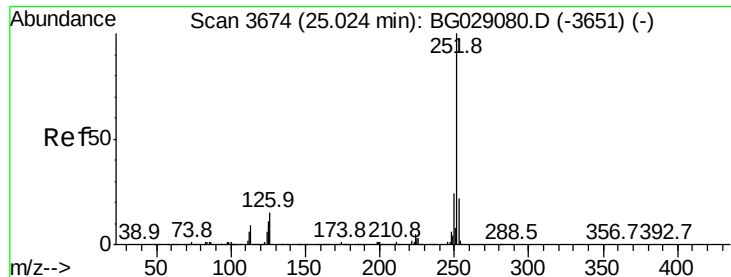


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 21.184 ng/ul

RT: 25.02 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

Instrument :

BNA_G

ClientSampleId :

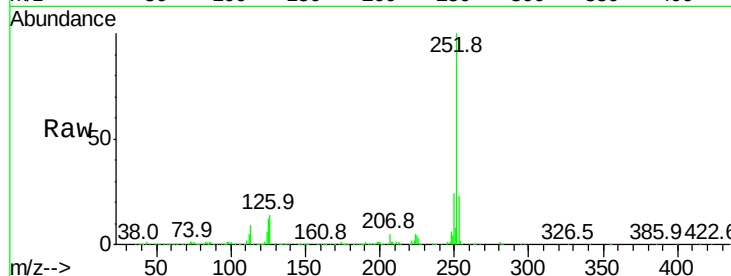
Tot Ion:252 Resp: 735553

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

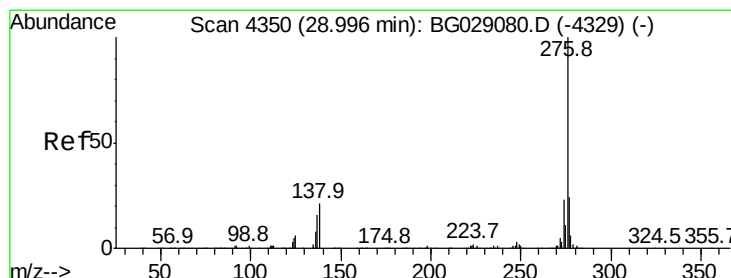
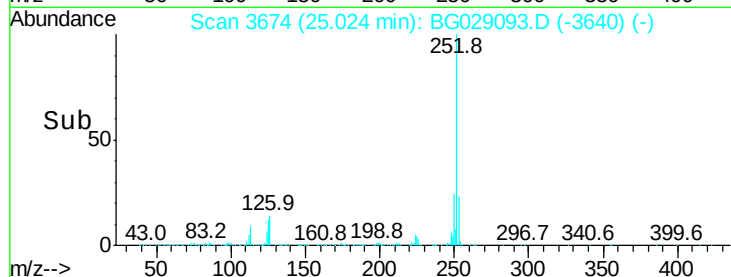
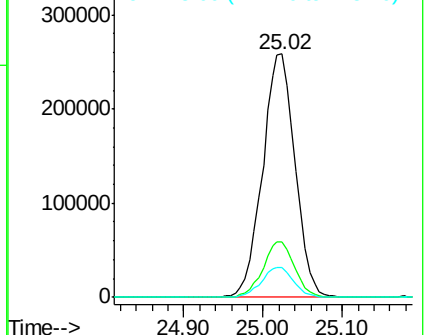
125 12.2 8.2 12.4



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: 21.091 ng/ul

RT: 29.00 min Scan# 4350

Delta R.T. -0.00 min

Lab File: BG029093.D

Acq: 8 Oct 2017 22:18

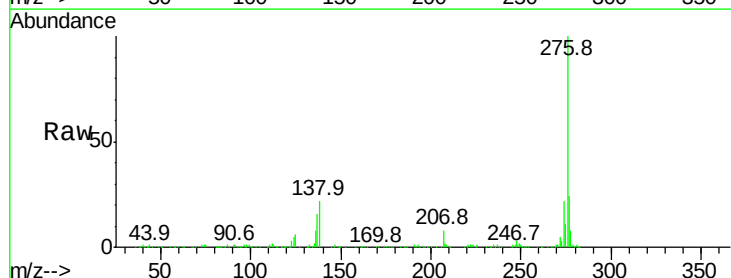
Tgt Ion:276 Resp: 831143

Ion Ratio Lower Upper

276 100

138 22.2 14.4 21.6#

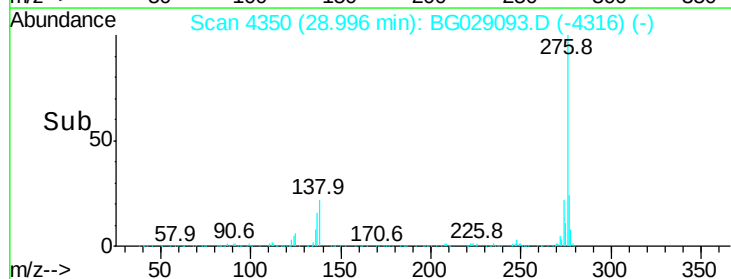
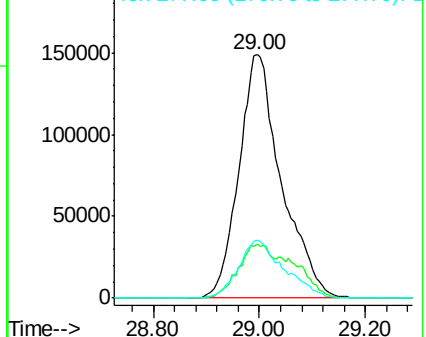
277 23.9 18.0 27.0

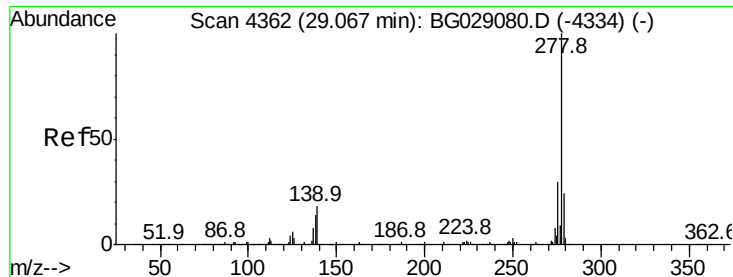


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

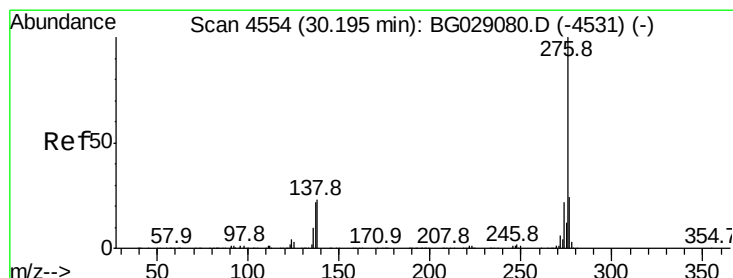
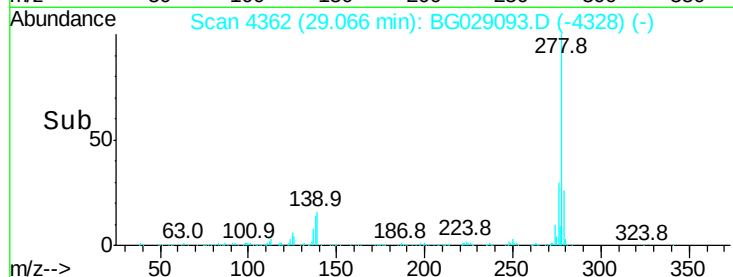
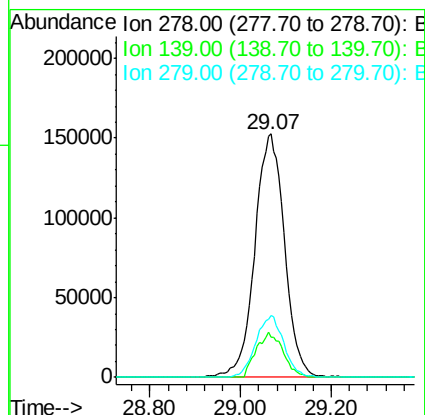
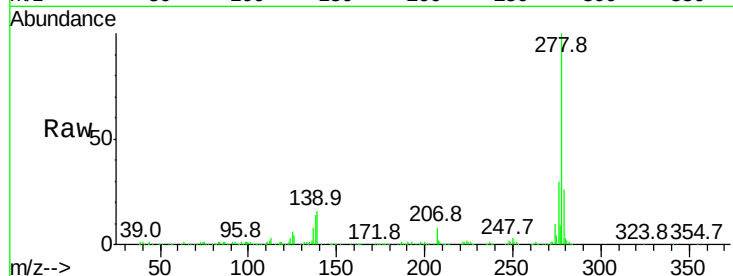




#28
Dibenzo(a,h)anthracene
Concen: 21.254 ng/ul
RT: 29.07 min Scan# 4362
Delta R.T. -0.00 min
Lab File: BG029093.D
Acq: 8 Oct 2017 22:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.2	18.4
279	25.6	19.2	28.8



#29
Benzo(g,h,i)perylene
Concen: 21.112 ng/ul
RT: 30.19 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG029093.D
Acq: 8 Oct 2017 22:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	15.3	22.9#
277	24.0	19.0	28.4

