

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
 Data File : BG029089.D
 Acq On : 8 Oct 2017 19:37
 Operator : SJ/JU
 Sample : I5578-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 07:35:36 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	97883	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	457222	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	297760	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	650247	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	600606	20.00	ng/ul	0.00
22) Perylene-d12	25.17	264	601095	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.52	160	857498	27.69	ng/ul	0.00
10) Fluorene-d10	15.81	176	619694	27.59	ng/ul	0.00
14) Anthracene-d10	17.66	188	881452	27.99	ng/ul	0.00
18) Pyrene-d10	19.93	212	944440	30.73	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	868493	30.16	ng/ul	0.00

Target Compounds

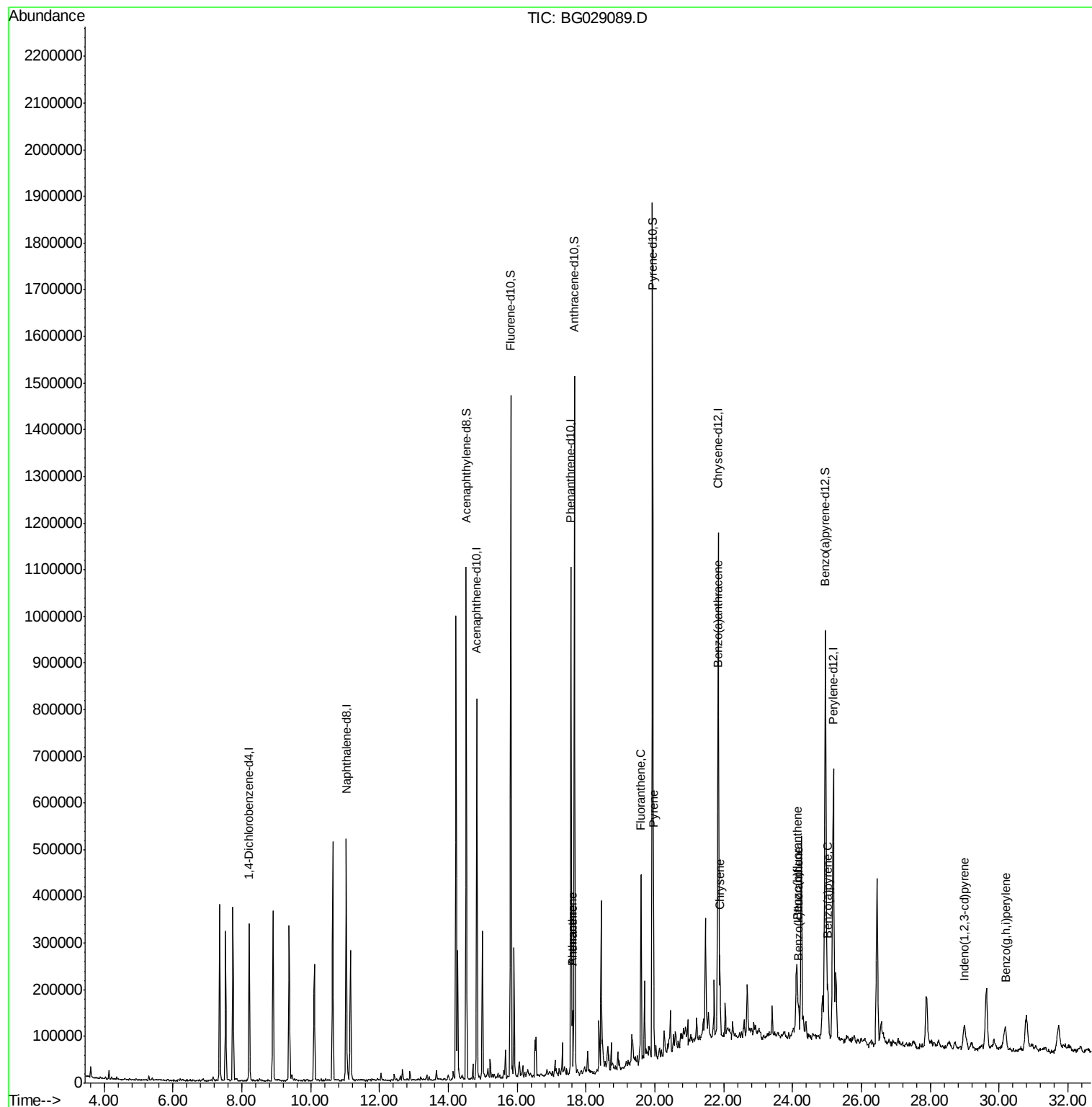
					Ovalue	
13) Phenanthrene	17.60	178	84434	2.434	ng/ul	97
15) Anthracene	17.60	178	84990	2.395	ng/ul	96
16) Fluoranthene	19.60	202	228479	5.619	ng/ul	98
19) Pyrene	19.96	202	194071	5.184	ng/ul	97
20) Benzo(a)anthracene	21.82	228	133035	3.761	ng/ul	94
21) Chrysene	21.88	228	126485	3.905	ng/ul	95
23) Benzo(b)fluoranthene	24.12	252	177786	4.944	ng/ul	97
24) Benzo(k)fluoranthene	24.18	252	62531	1.782	ng/ul	96
26) Benzo(a)pyrene	25.02	252	119289	3.415	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	28.98	276	81955	2.067	ng/ul#	92
29) Benzo(g,h,i)perylene	30.18	276	75561	2.312	ng/ul#	93

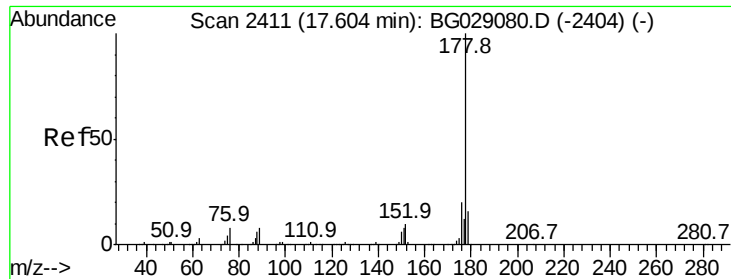
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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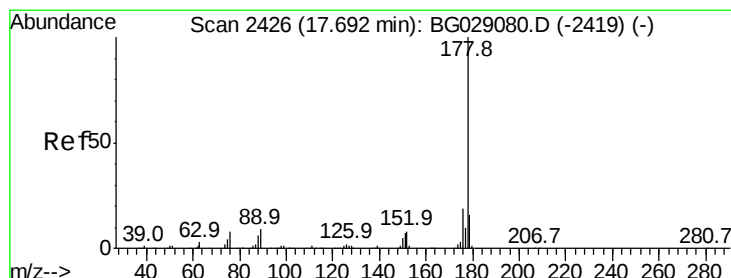
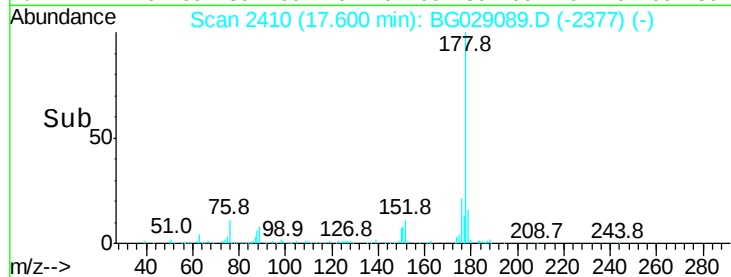
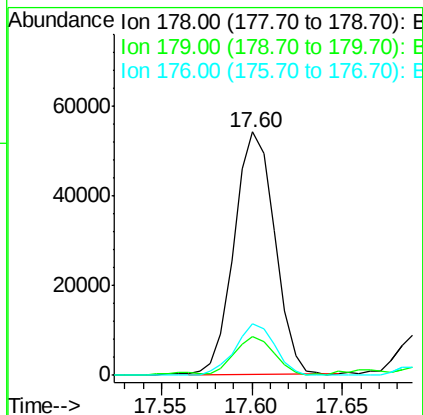
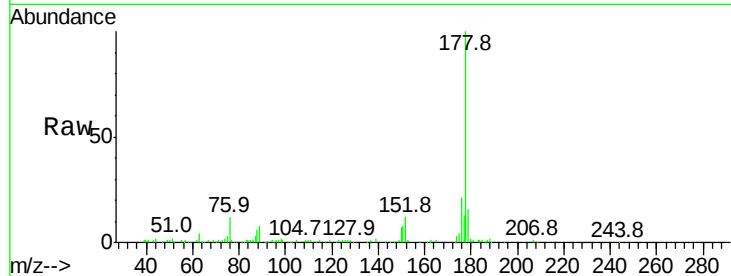




#13
 Phenanthrene
 Concen: 2.434 ng/ul
 RT: 17.60 min Scan# 2410
 Delta R.T. -0.00 min
 Lab File: BG029089.D
 Acq: 8 Oct 2017 19:37

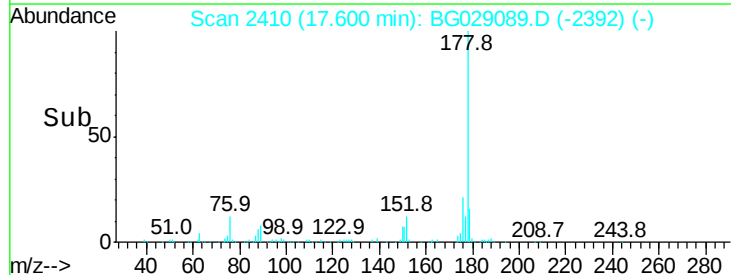
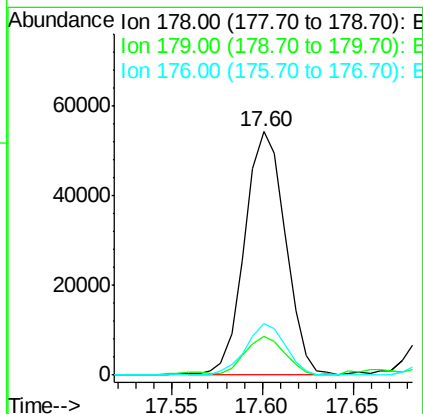
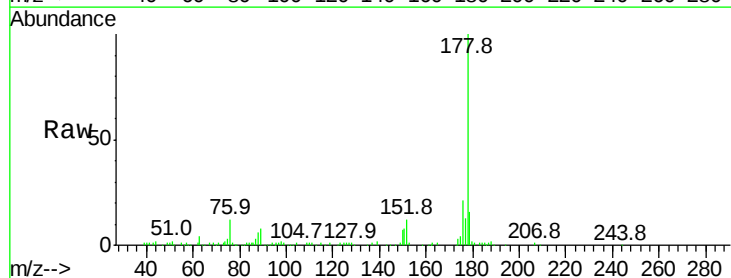
Instrument :
 BNA_G
 ClientSampleId :

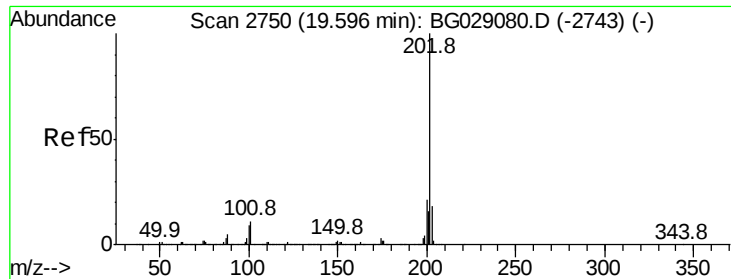
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	21.1	15.1	22.7



#15
 Anthracene
 Concen: 2.395 ng/ul
 RT: 17.60 min Scan# 2410
 Delta R.T. -0.09 min
 Lab File: BG029089.D
 Acq: 8 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	21.1	15.2	22.8

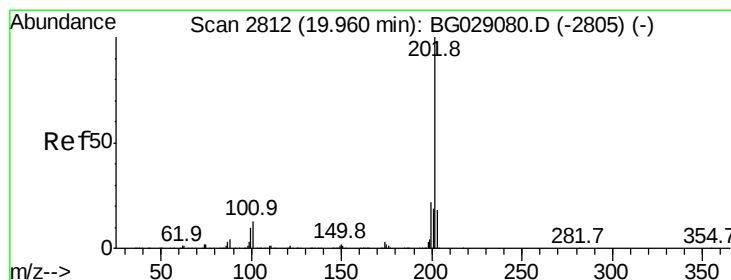
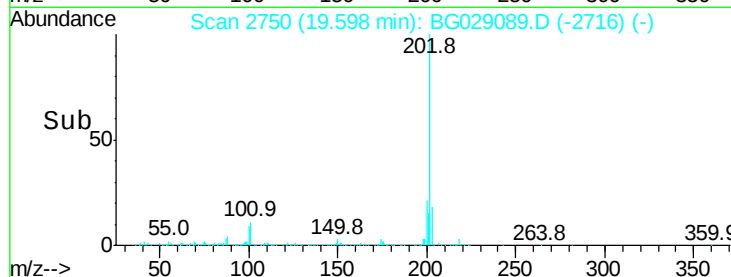
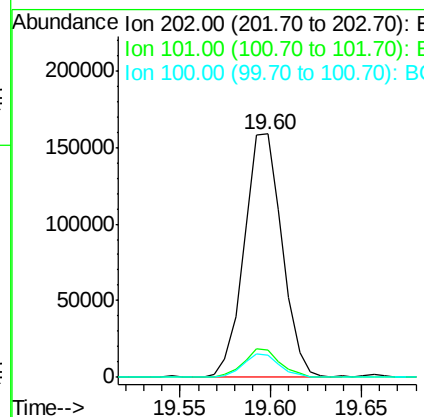
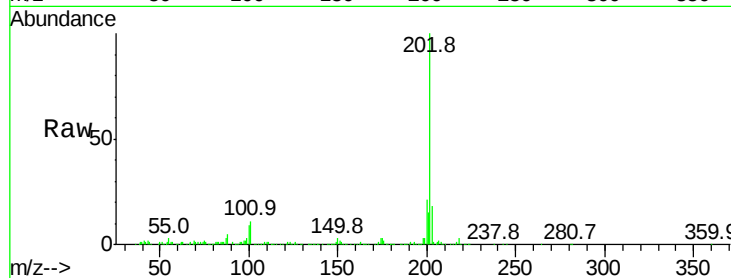




#16
 Fluoranthene
 Concen: 5.619 ng/ul
 RT: 19.60 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: BG029089.D
 Acq: 8 Oct 2017 19:37

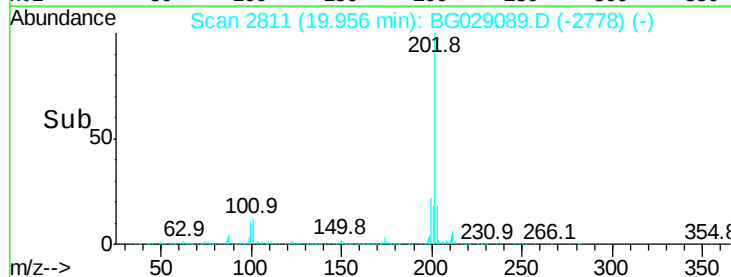
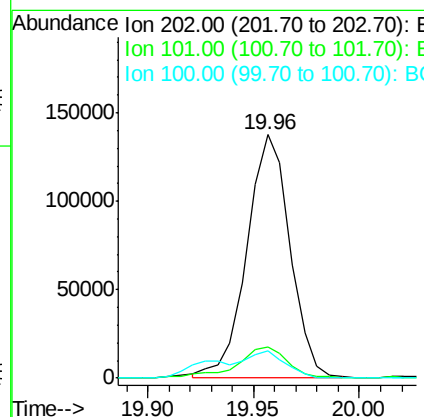
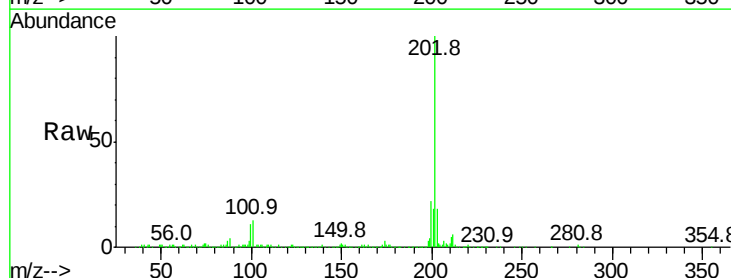
Instrument :
 BNA_G
 ClientSampleId :

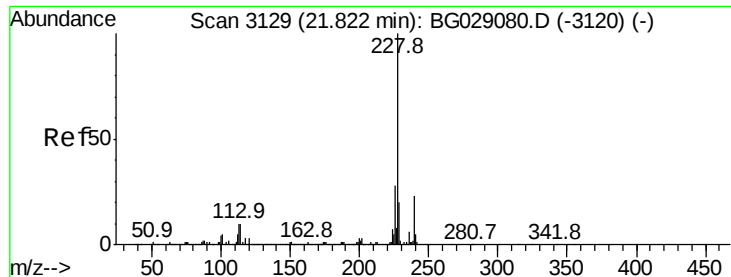
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.9	14.9
100	9.1	7.4	11.0



#19
 Pyrene
 Concen: 5.184 ng/ul
 RT: 19.96 min Scan# 2811
 Delta R.T. -0.00 min
 Lab File: BG029089.D
 Acq: 8 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.0	16.4
100	11.2	8.1	12.1

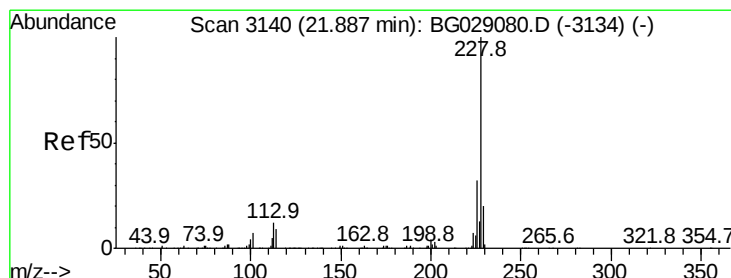
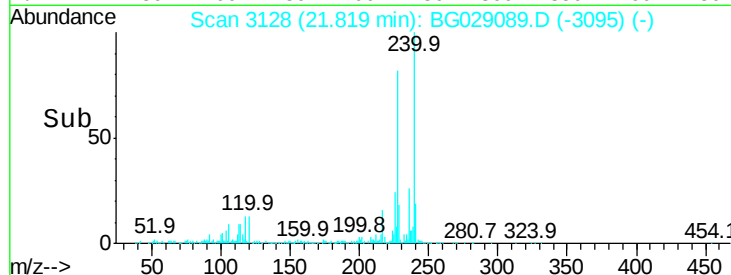
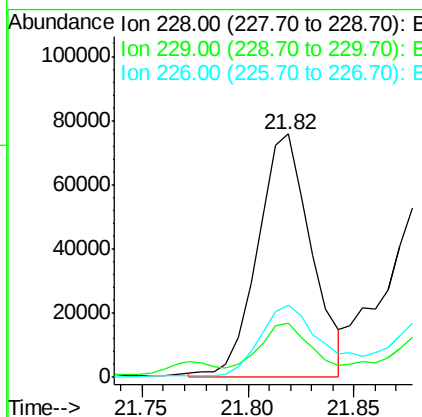
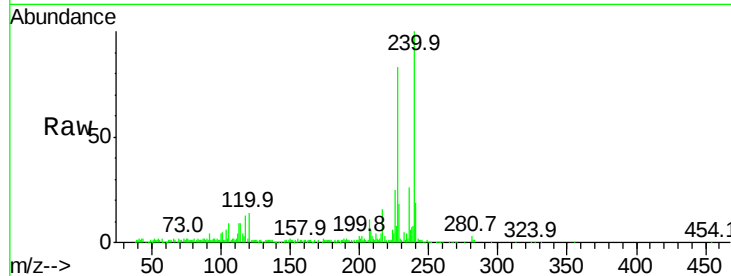




#20
Benzo(a)anthracene
Concen: 3.761 ng/ul
RT: 21.82 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

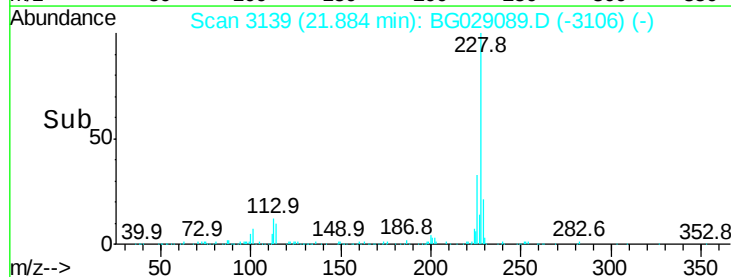
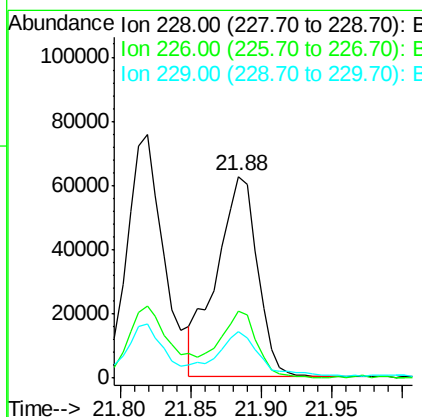
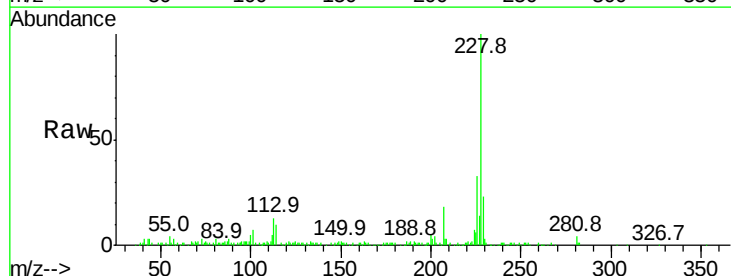
Instrument :
BNA_G
ClientSampleId :

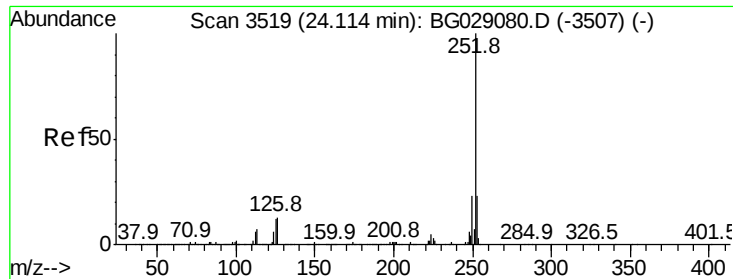
Tot Ion:228 Resp: 133035
Ion Ratio Lower Upper
228 100
229 22.2 15.7 23.5
226 29.8 21.1 31.7



#21
Chrysene
Concen: 3.905 ng/ul
RT: 21.88 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:228 Resp: 126485
Ion Ratio Lower Upper
228 100
226 33.0 24.5 36.7
229 22.8 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 4.944 ng/ul

RT: 24.12 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG029089.D

Acq: 8 Oct 2017 19:37

Instrument :

BNA_G

ClientSampleId :

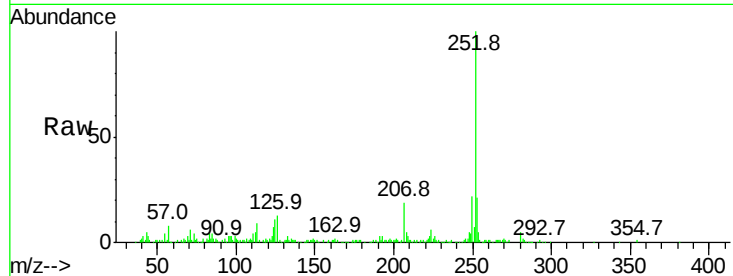
Tot Ion:252 Resp: 177786

Ion Ratio Lower Upper

252 100

253 21.2 18.0 27.0

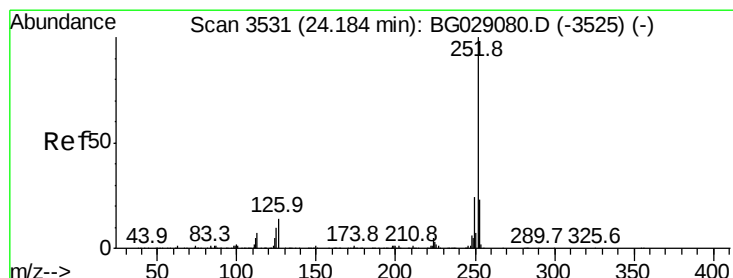
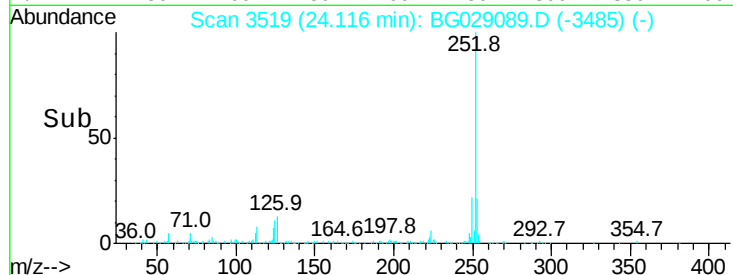
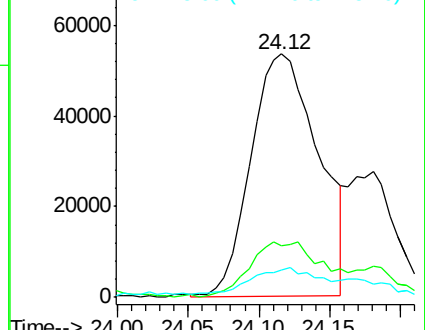
125 11.2 8.0 12.0



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: 1.782 ng/ul

RT: 24.18 min Scan# 3530

Delta R.T. -0.00 min

Lab File: BG029089.D

Acq: 8 Oct 2017 19:37

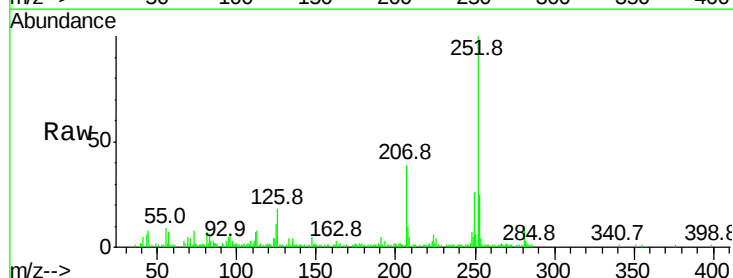
Tgt Ion:252 Resp: 62531

Ion Ratio Lower Upper

252 100

253 24.9 18.0 27.0

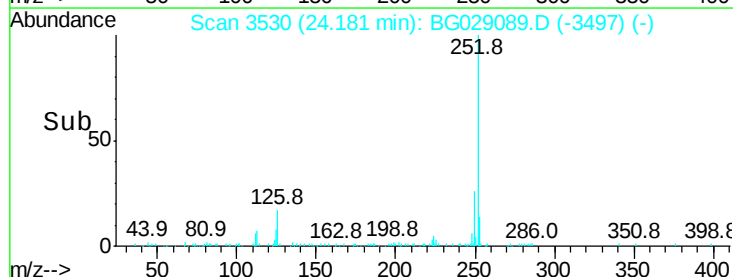
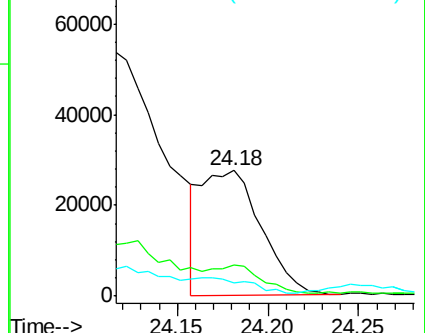
125 10.7 8.1 12.1

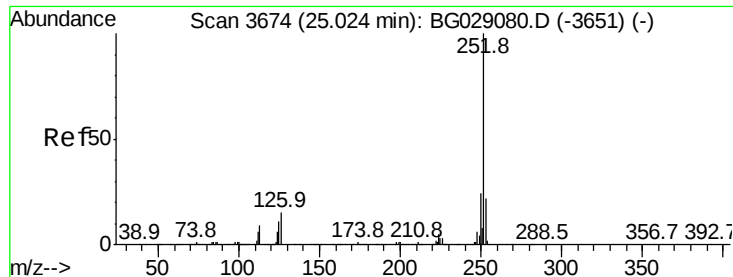


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

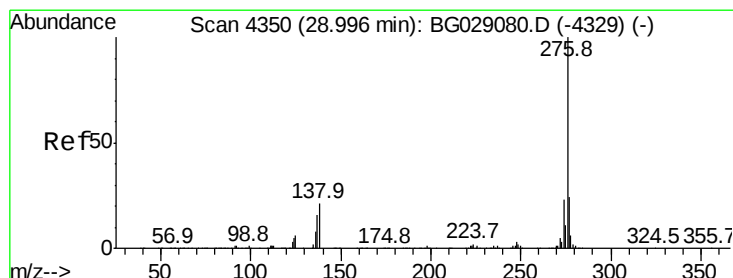
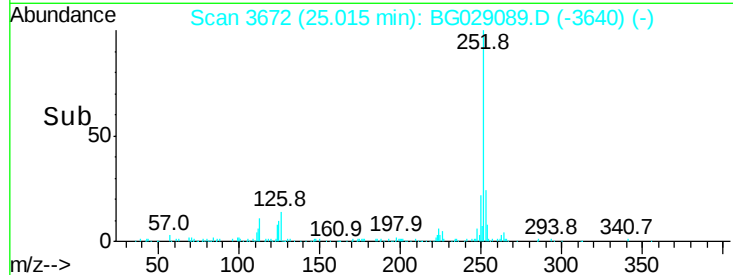
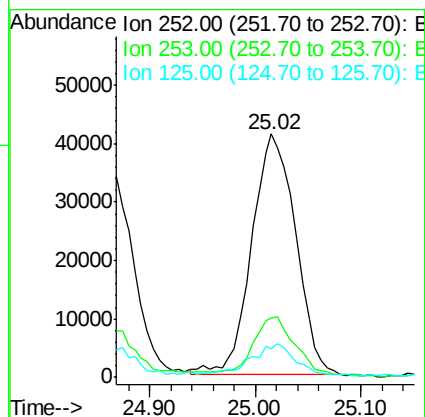
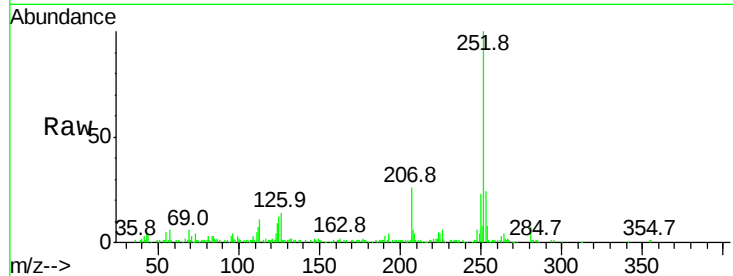




#26
Benzo(a)pyrene
Concen: 3.415 ng/ul
RT: 25.02 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

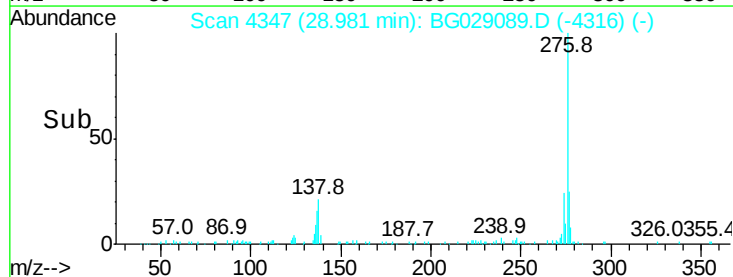
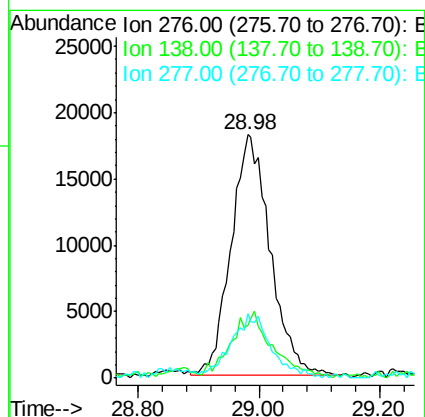
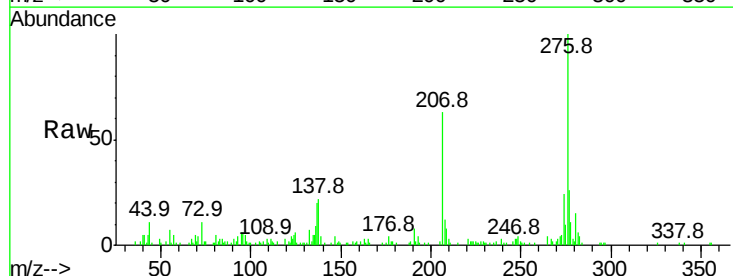
Instrument :
BNA_G
ClientSampled :

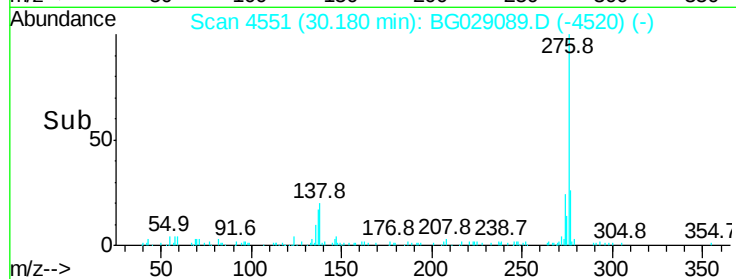
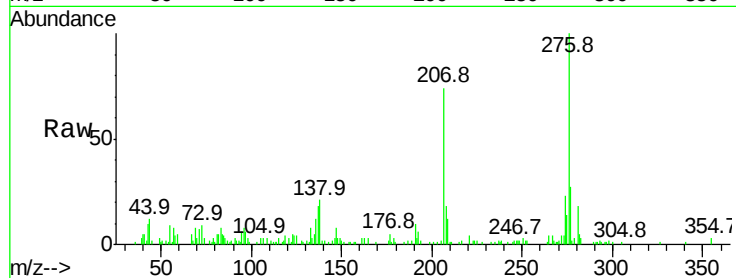
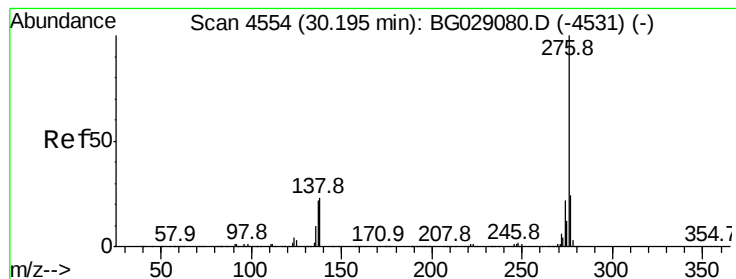
Tot Ion:252 Resp: 119289
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 11.8 8.2 12.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.067 ng/ul
RT: 28.98 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:276 Resp: 81955
Ion Ratio Lower Upper
276 100
138 21.8 14.4 21.6#
277 26.4 18.0 27.0





#29

Benzo(a,h,i)perylene

Concen: 2.312 ng/ul

RT: 30.18 min Scan# 4551

Delta R.T. -0.02 min

Lab File: BG029089.D

Acq: 8 Oct 2017 19:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 75561

Ion Ratio Lower Upper

276 100

138 21.0 15.3 22.9

277 28.6 19.0 28.4#

