

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029122.D
 Acq On : 10 Oct 2017 00:38
 Operator : SJ/JU
 Sample : I5578-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGC6

Quant Time: Oct 10 06:36:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration

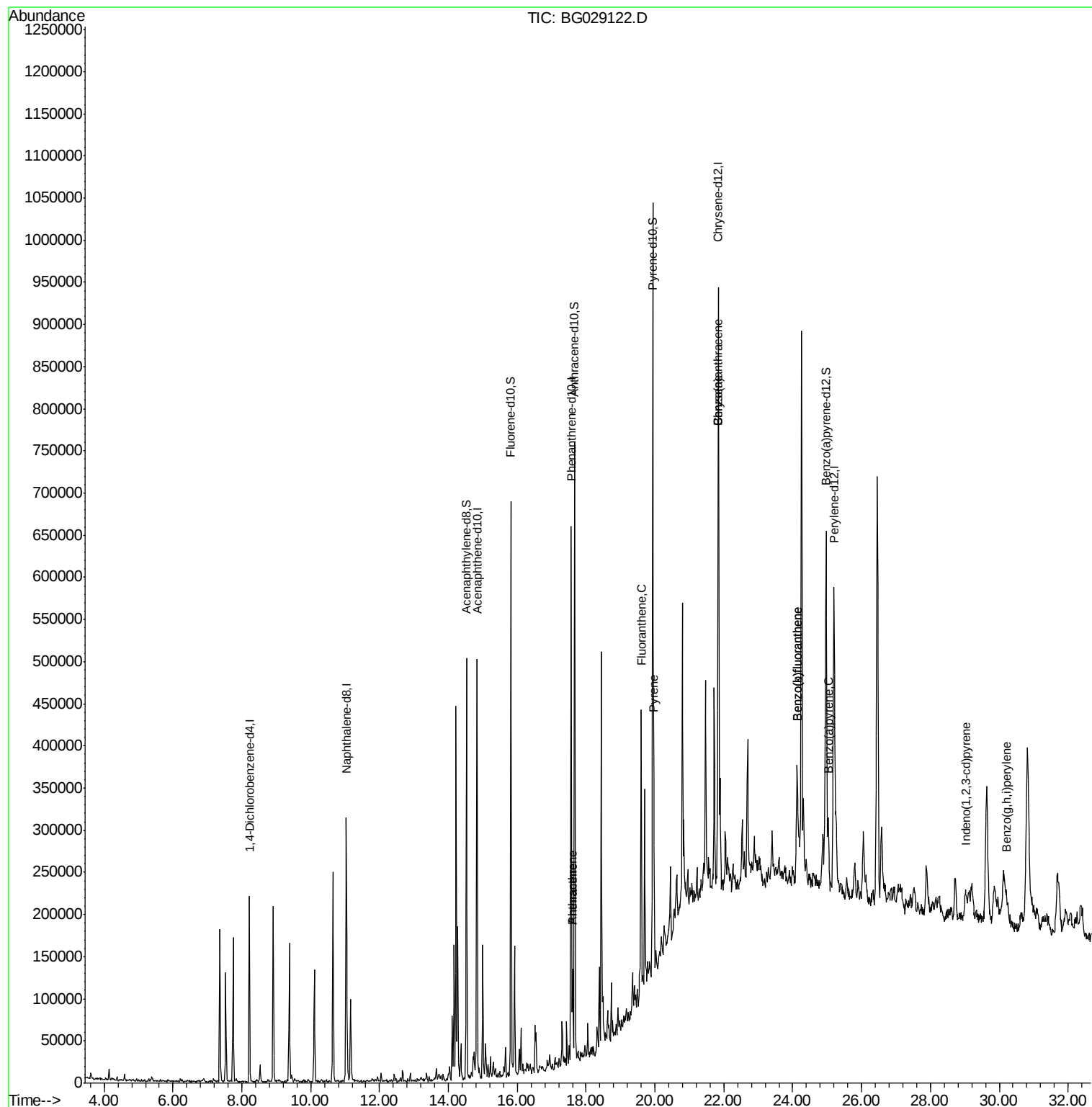
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	63111	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	260938	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	174408	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	394142	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	406128	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	427816	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	377032	20.79	ng/ul	0.00
10) Fluorene-d10	15.81	176	290350	22.07	ng/ul	0.00
14) Anthracene-d10	17.66	188	424199	22.22	ng/ul	0.00
18) Pyrene-d10	19.94	212	486319	23.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	457828	22.34	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.61	178	70089	3.334	ng/ul	99
15) Anthracene	17.61	178	71254	3.313	ng/ul	99
16) Fluoranthene	19.60	202	167801	6.809	ng/ul#	92
19) Pyrene	19.96	202	141101	5.574	ng/ul#	89
20) Benzo(a)anthracene	21.83	228	101908	4.261	ng/ul	92
21) Chrysene	21.83	228	101840	4.650	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	165990	6.486	ng/ul	98
24) Benzo(k)fluoranthene	24.13	252	173316	6.938	ng/ul	98
26) Benzo(a)pyrene	25.04	252	99688	4.010	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	29.03	276	73133	2.592	ng/ul	94
29) Benzo(g,h,i)perylene	30.22	276	64530	2.774	ng/ul#	84

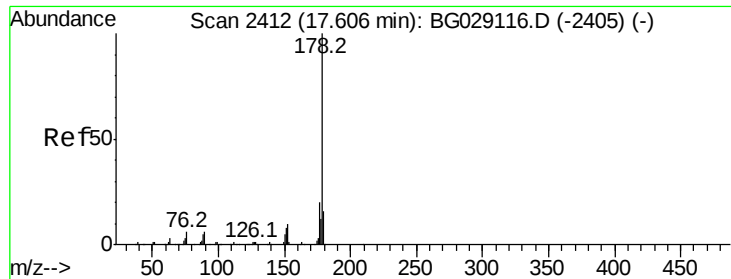
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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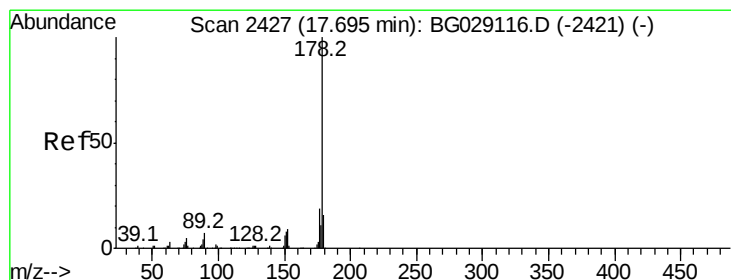
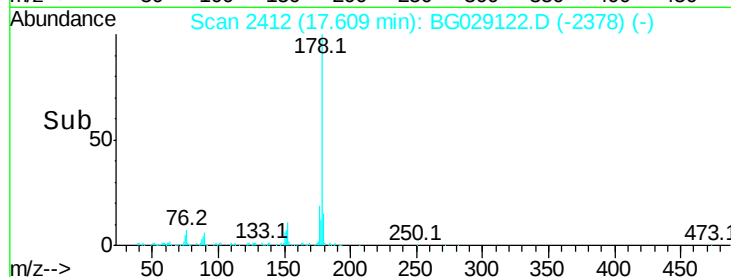
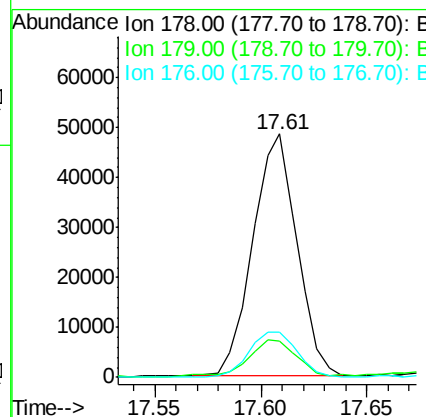
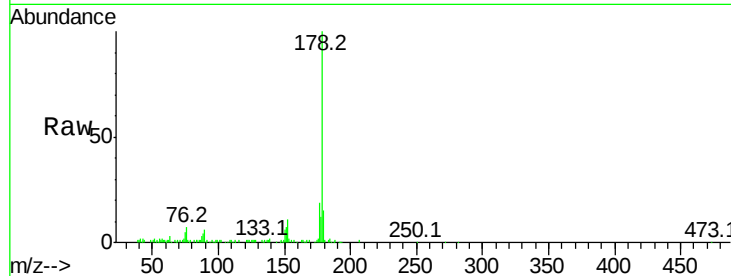




#13
Phenanthrene
Concen: 3.334 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029122.D
Acq: 10 Oct 2017 00:38

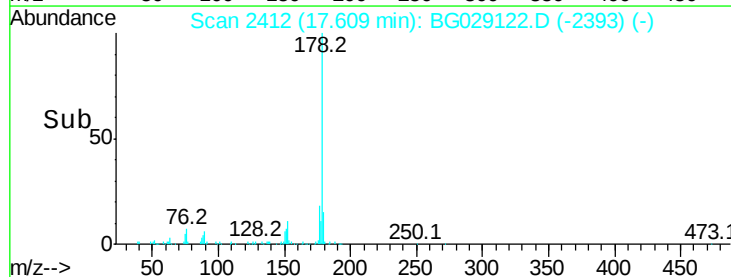
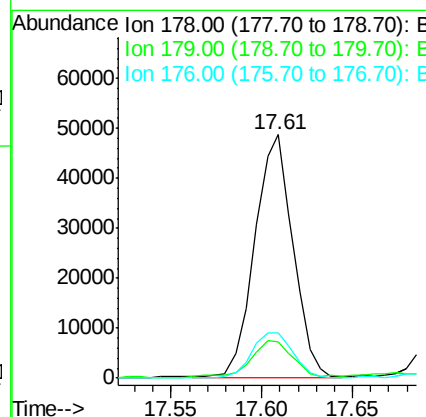
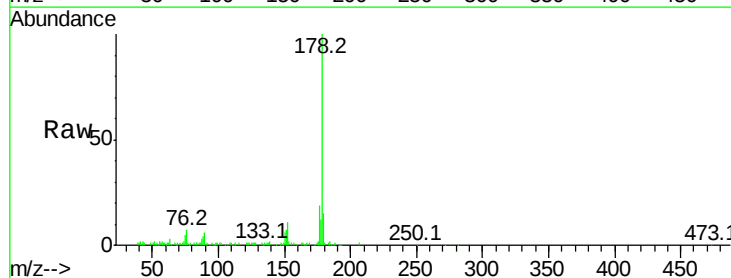
Instrument :
BNA_G
ClientSampleId :
DAGC6

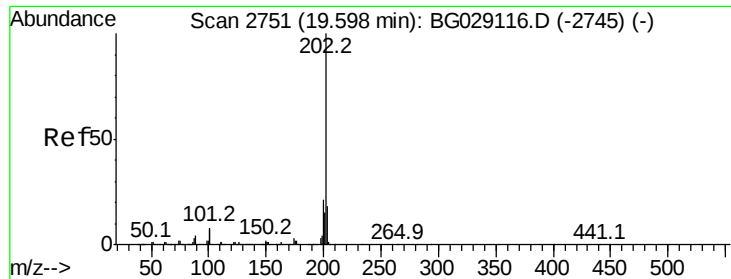
Tot Ion:178 Resp: 70089
Ion Ratio Lower Upper
178 100
179 14.7 12.3 18.5
176 18.6 15.1 22.7



#15
Anthracene
Concen: 3.313 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. -0.09 min
Lab File: BG029122.D
Acq: 10 Oct 2017 00:38

Tgt Ion:178 Resp: 71254
Ion Ratio Lower Upper
178 100
179 14.7 11.8 17.8
176 18.6 15.2 22.8

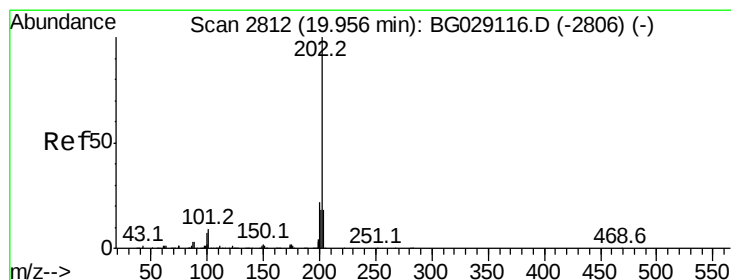
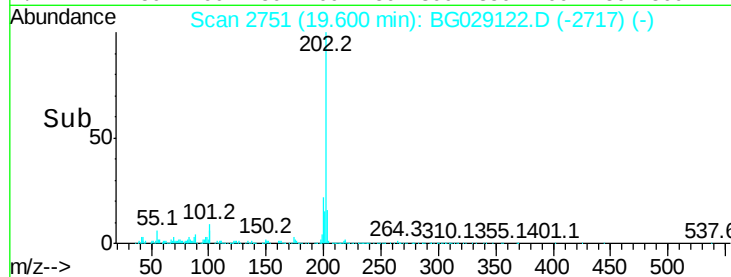
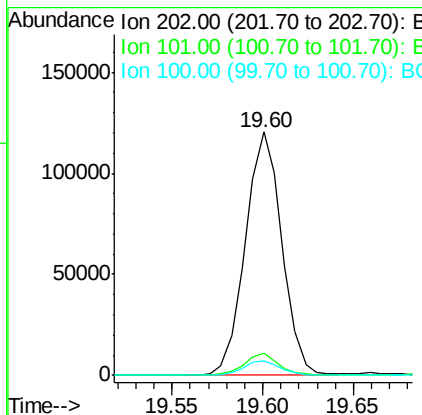
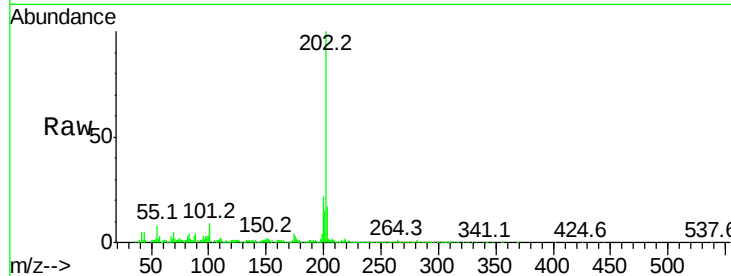




#16
 Fluoranthene
 Concen: 6.809 ng/ul
 RT: 19.60 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: BG029122.D
 Acq: 10 Oct 2017 00:38

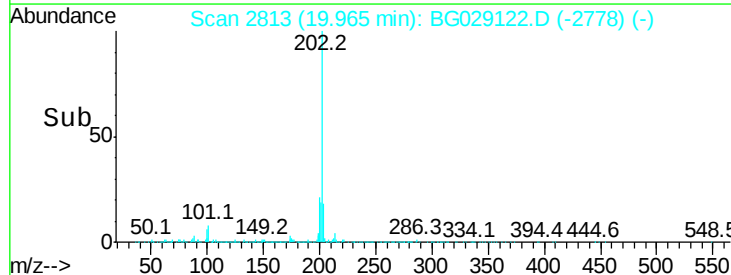
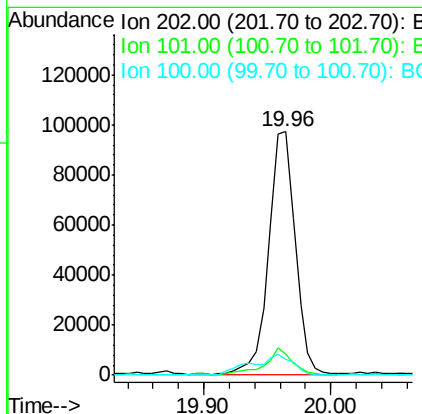
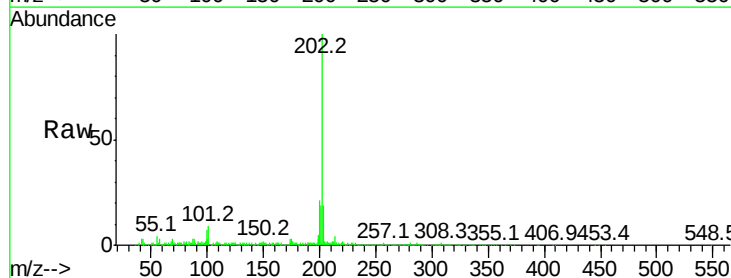
Instrument :
 BNA_G
 ClientSampleId :
 DAGC6

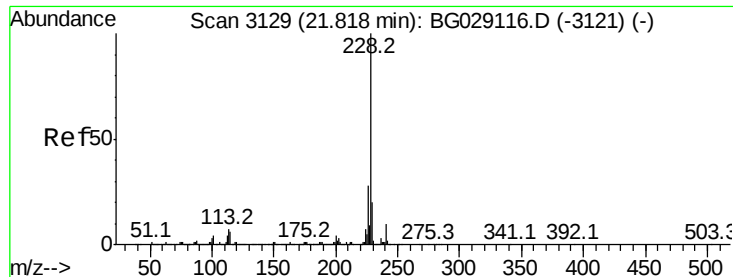
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	9.9	14.9#
100	6.1	7.4	11.0#



#19
 Pyrene
 Concen: 5.574 ng/ul
 RT: 19.96 min Scan# 2813
 Delta R.T. 0.01 min
 Lab File: BG029122.D
 Acq: 10 Oct 2017 00:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	11.0	16.4#
100	6.7	8.1	12.1#

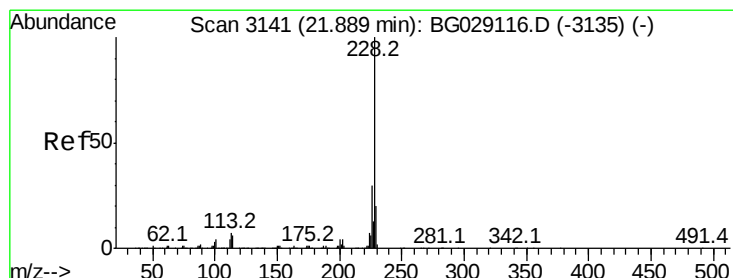
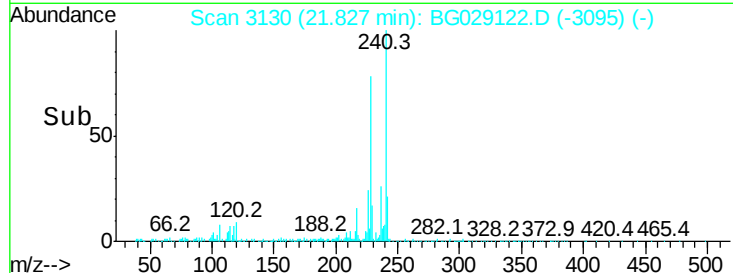
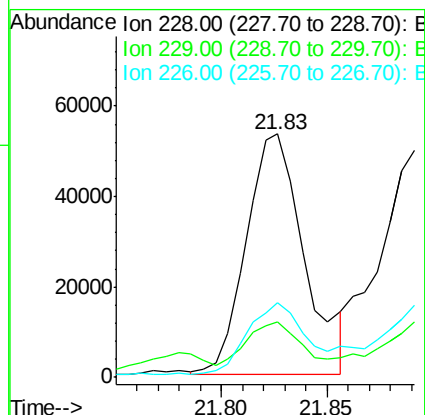
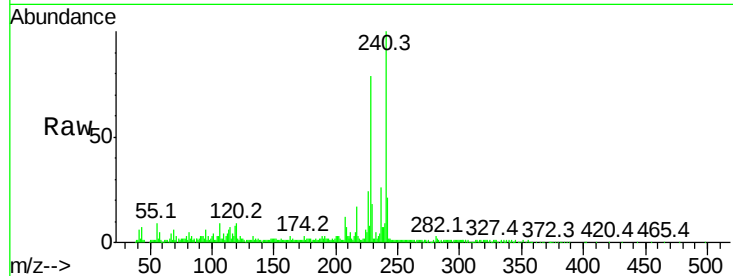




#20
Benzo(a)anthracene
Concen: 4.261 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BG029122.D
Acq: 10 Oct 2017 00:38

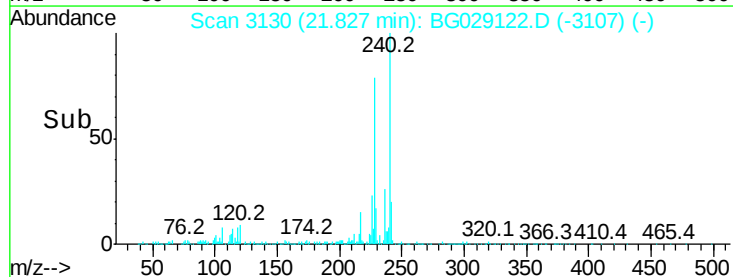
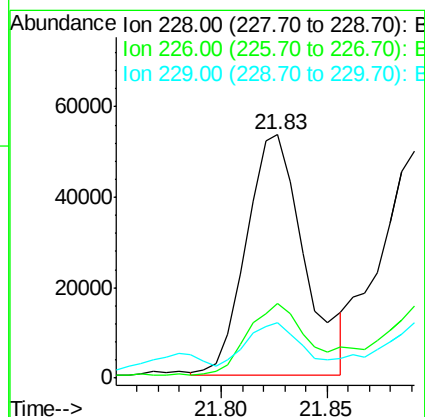
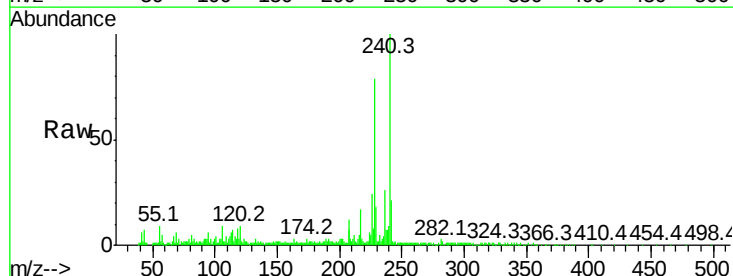
Instrument :
BNA_G
ClientSampleId :
DAGC6

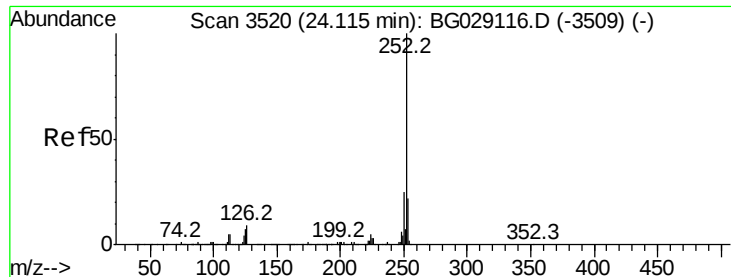
Tot Ion:228 Resp: 101908
Ion Ratio Lower Upper
228 100
229 22.8 15.7 23.5
226 30.4 21.1 31.7



#21
Chrysene
Concen: 4.650 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. -0.06 min
Lab File: BG029122.D
Acq: 10 Oct 2017 00:38

Tgt Ion:228 Resp: 101840
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 22.8 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 6.486 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. 0.01 min

Lab File: BG029122.D

Acq: 10 Oct 2017 00:38

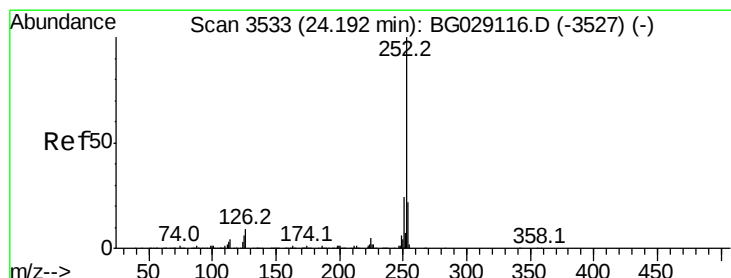
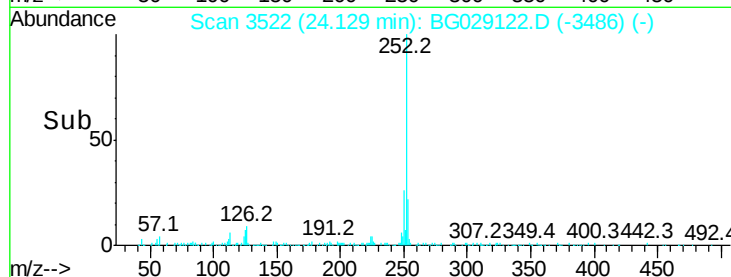
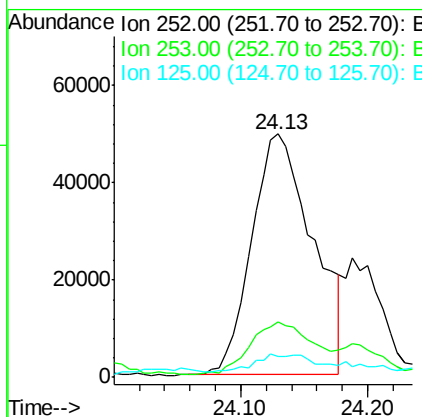
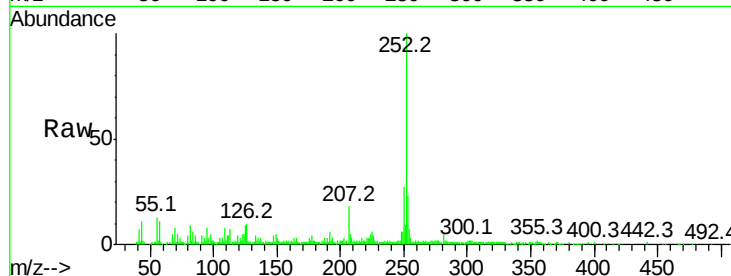
Instrument :

BNA_G

ClientSampleId :

DAGC6

Tot Ion:	252	Resp:	165990
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	8.6	8.0	12.0



#24

Benzo(k)fluoranthene

Concen: 6.938 ng/ul

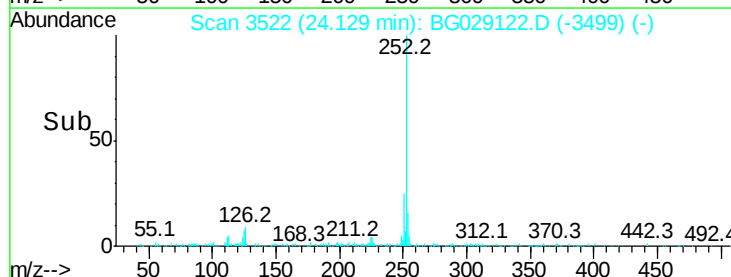
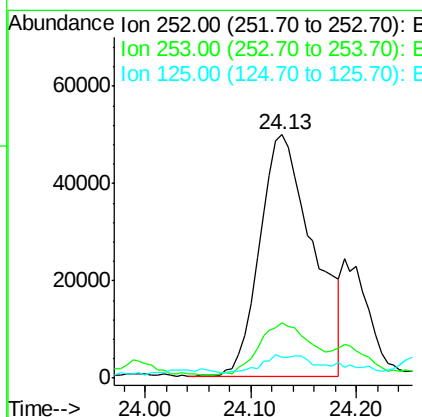
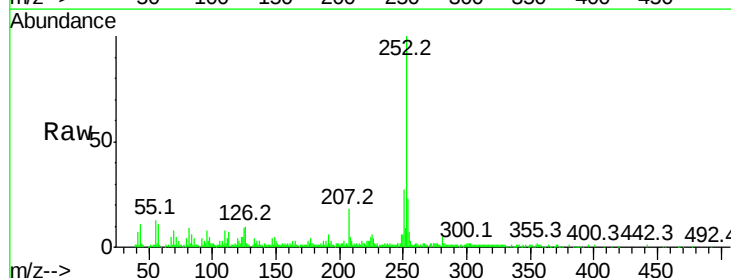
RT: 24.13 min Scan# 3522

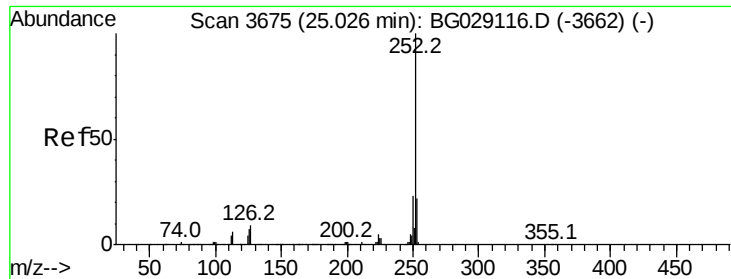
Delta R.T. -0.06 min

Lab File: BG029122.D

Acq: 10 Oct 2017 00:38

Tgt Ion:	252	Resp:	173316
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	8.6	8.1	12.1

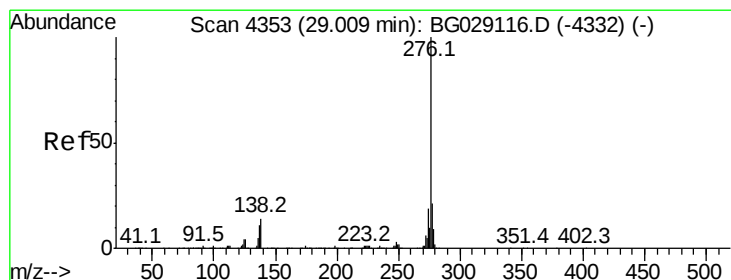
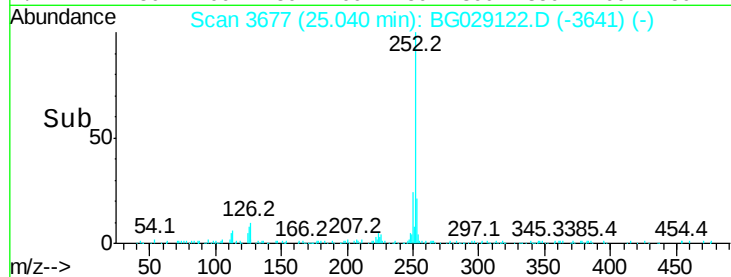
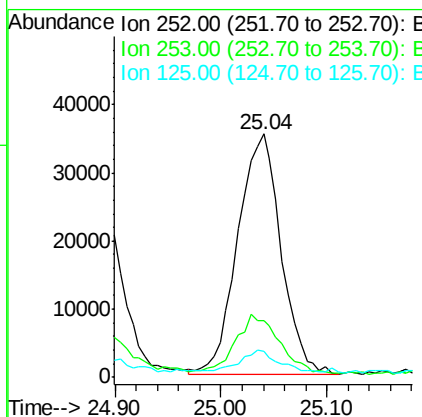
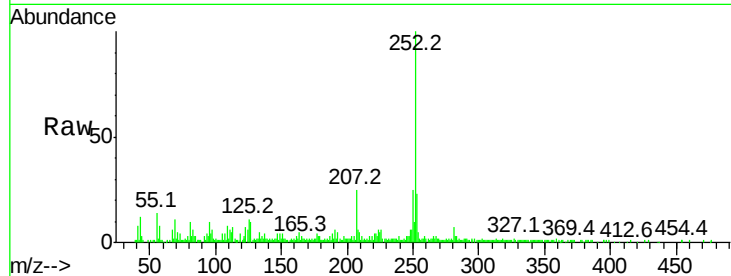




#26
Benzo(a)pyrene
Concen: 4.010 ng/ul
RT: 25.04 min Scan# 3677
Delta R.T. 0.01 min
Lab File: BG029122.D
Acq: 10 Oct 2017 00:38

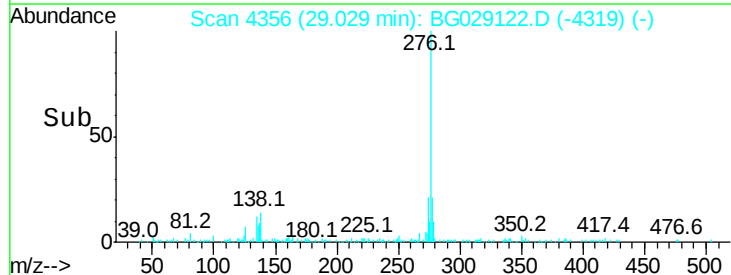
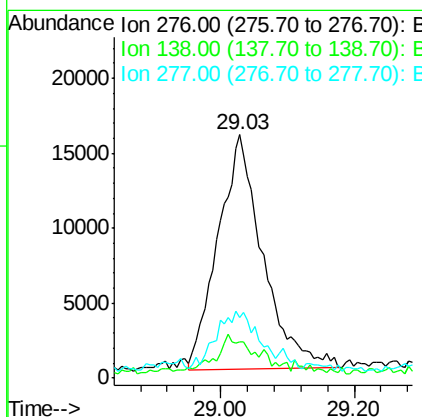
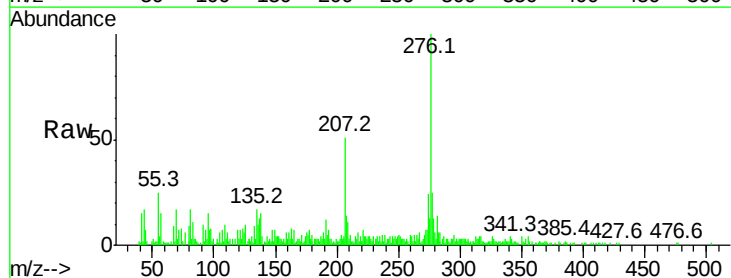
Instrument :
BNA_G
ClientSampleId :
DAGC6

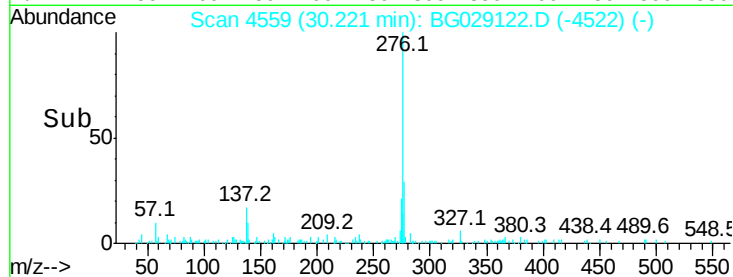
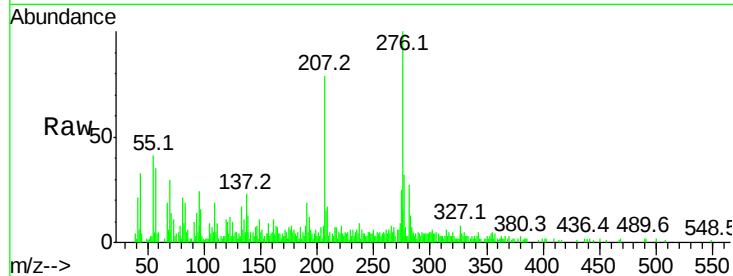
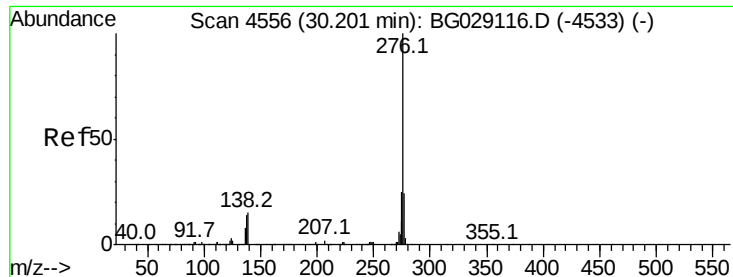
Tot Ion:252 Resp: 99688
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 10.6 8.2 12.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.592 ng/ul
RT: 29.03 min Scan# 4356
Delta R.T. 0.02 min
Lab File: BG029122.D
Acq: 10 Oct 2017 00:38

Tgt Ion:276 Resp: 73133
Ion Ratio Lower Upper
276 100
138 14.8 14.4 21.6
277 25.0 18.0 27.0





#29

Benzo(a,h,i)perylene

Concen: 2.774 ng/ul

RT: 30.22 min Scan# 4559

Delta R.T. 0.02 min

Lab File: BG029122.D

Acq: 10 Oct 2017 00:38

Instrument :

BNA_G

ClientSampleId :

DAGC6

Tot Ion:276 Resp: 64530

Ion Ratio Lower Upper

276 100

138 12.8 15.3 22.9#

277 32.2 19.0 28.4#

