Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029121.D
Acq On : 9 Oct 2017 23:58
Operator : SJ/JU
Sample : I5578-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAHB0

Quant Time: Oct 10 06:35:43 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	8.21	152	54903	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	240843	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	158417	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	362896	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	373568	20.00	ng/ul	0.00
22) Perylene-d12	25.19	264	400287	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	322708	19.59	ng/ul	0.00
10) Fluorene-d10	15.81	176	245128	20.51	ng/ul	0.00
14) Anthracene-d10	17.66	188	354211	20.15	ng/ul	0.00
18) Pyrene-d10	19.93	212	406510	21.27	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	389177	20.30	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	17.61	178	191402	9.888	ng/ul	98
15) Anthracene	17.61	178	191437	9.667	ng/ul	97
20) Benzo(a)anthracene	21.83	228	314972	14.317	ng/ul	95
21) Chrysene	21.89	228	296662	14.726	ng/ul	95
23) Benzo(b)fluoranthene	24.13	252	454718	18.989	ng/ul#	98
24) Benzo(k)fluoranthene	24.13	252	434397	18.586	ng/ul#	98
26) Benzo(a)pyrene	25.04	252	303084	13.031	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	29.03	276	199819	7.569	ng/ul#	93
28) Dibenzo(a,h)anthracene	29.07	278	54371	2.488	ng/ul#	88
29) Benzo(g,h,i)perylene	30.21	276	163957	7.532	ng/ul	95

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

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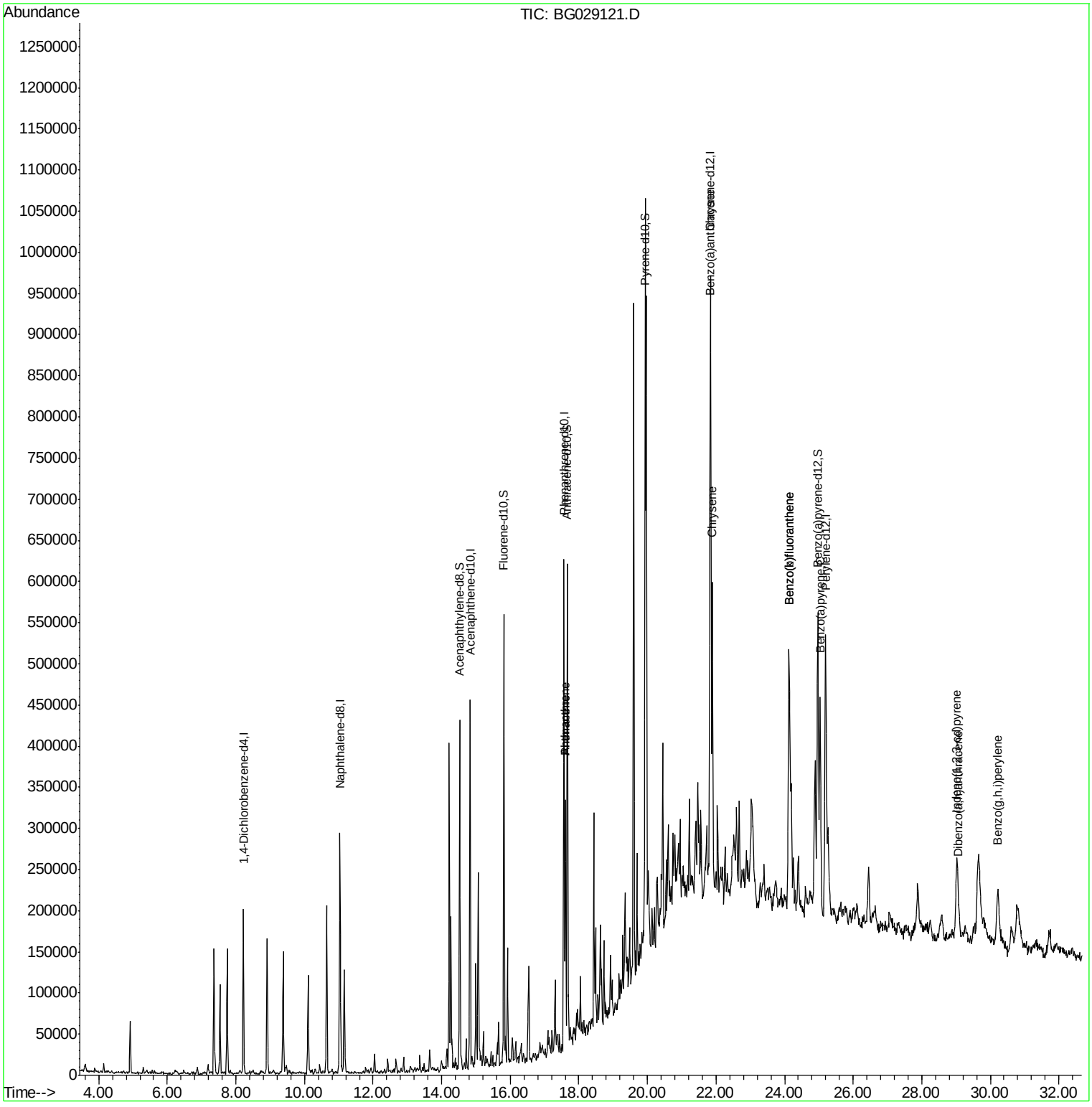
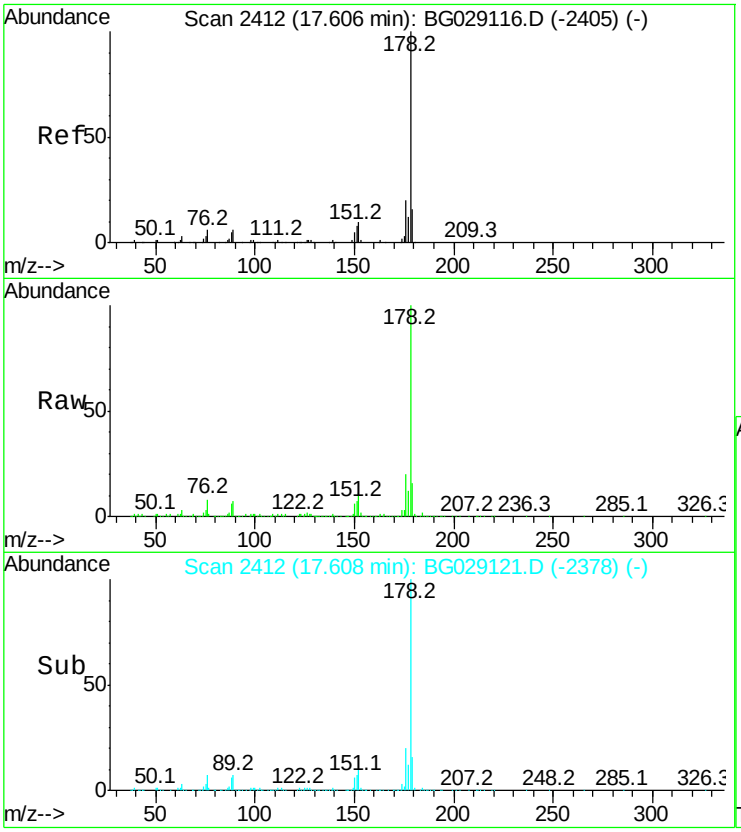


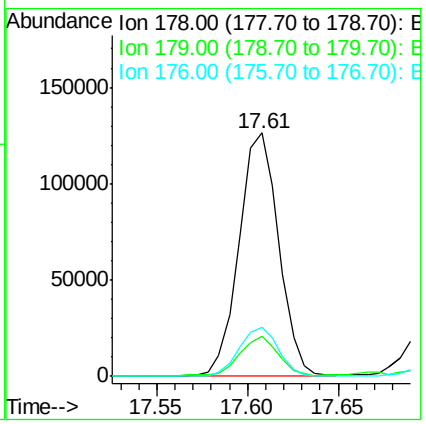


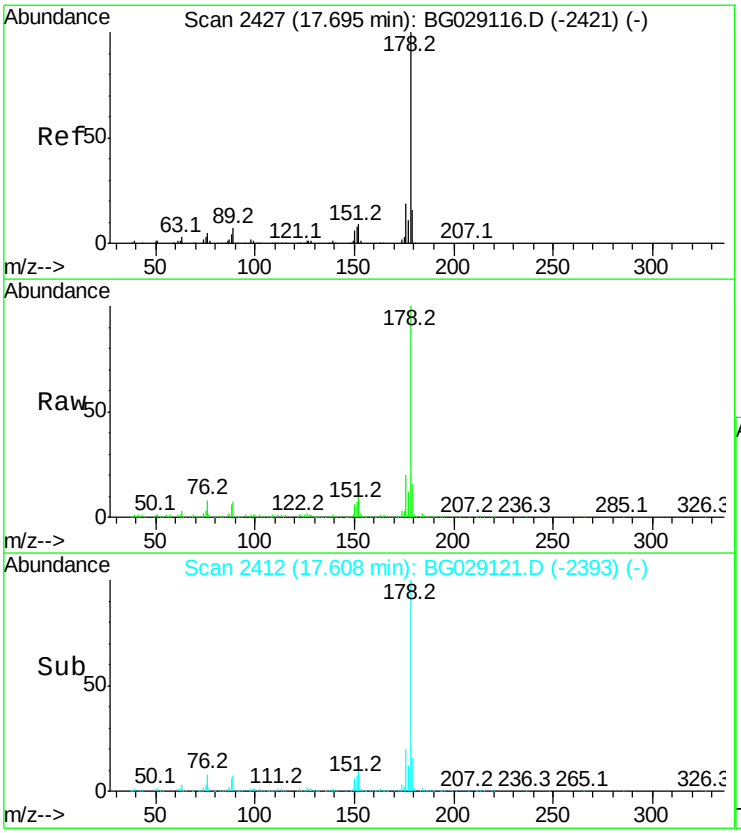
#13
Phenanthrene
Concen: 9.888 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029121.D
Acq: 9 Oct 2017 23:58

Instrument :
BNA_G
ClientSampleId :
DAHB0

Tgt Ion:178 Resp: 191402

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	20.0	15.1	22.7

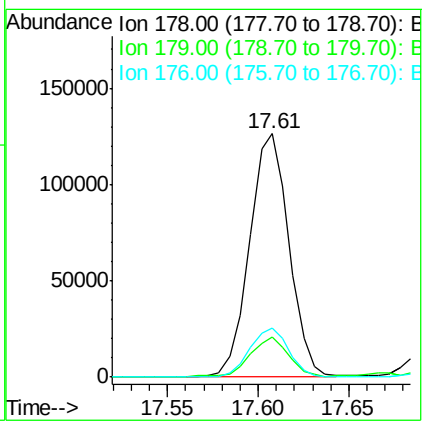


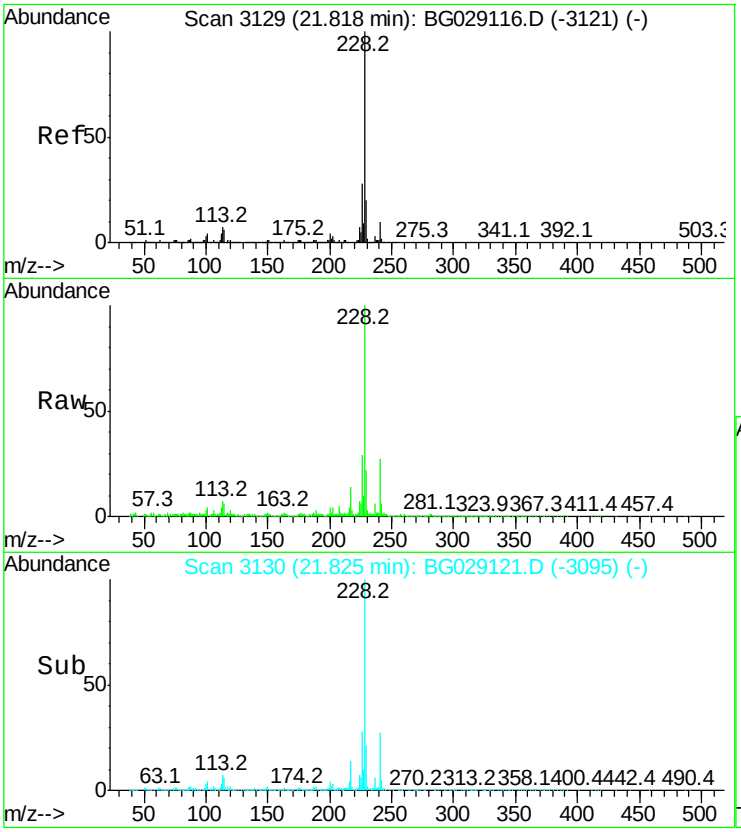


#15
Anthracene
Concen: 9.667 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. -0.09 min
Lab File: BG029121.D
Acq: 9 Oct 2017 23:58

Tgt Ion:178 Resp: 191437

Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.8	17.8
176	20.0	15.2	22.8



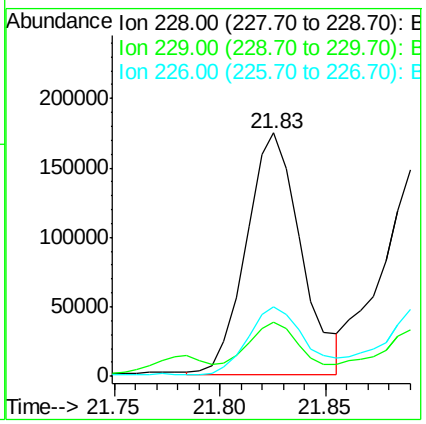


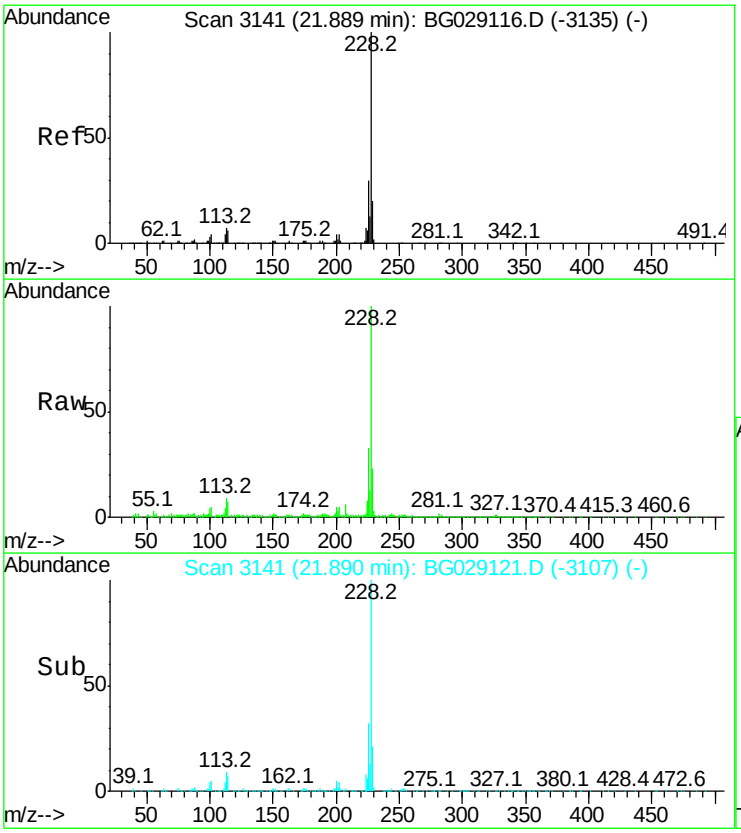
#20
Benzo(a)anthracene
Concen: 14.317 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BG029121.D
Acq: 9 Oct 2017 23:58

Instrument :
BNA_G
ClientSampleId :
DAHB0

Tgt Ion:228 Resp: 314972

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.7	23.5
226	28.8	21.1	31.7

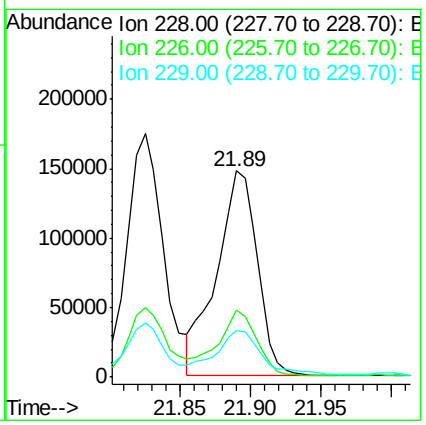


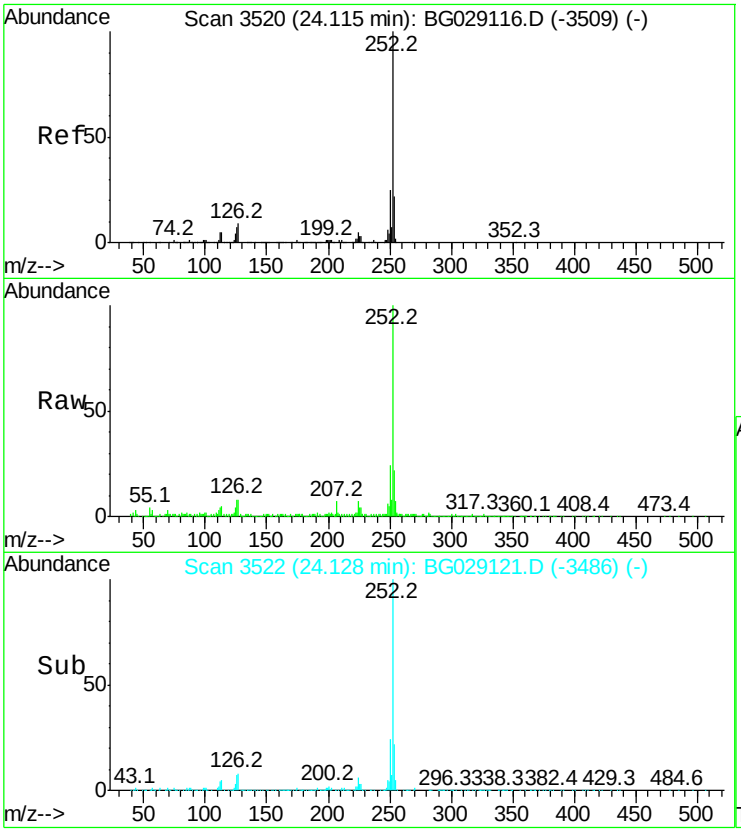


#21
Chrysene
Concen: 14.726 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG029121.D
Acq: 9 Oct 2017 23:58

Tgt Ion:228 Resp: 296662

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.5	36.7
229	22.6	15.8	23.8



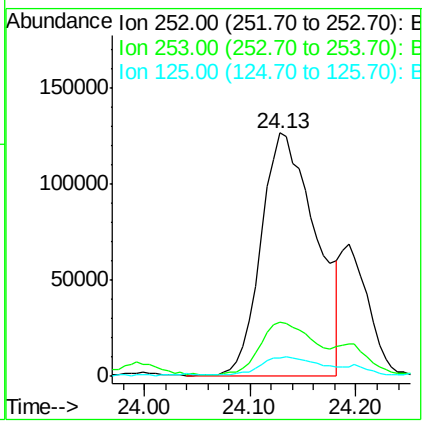


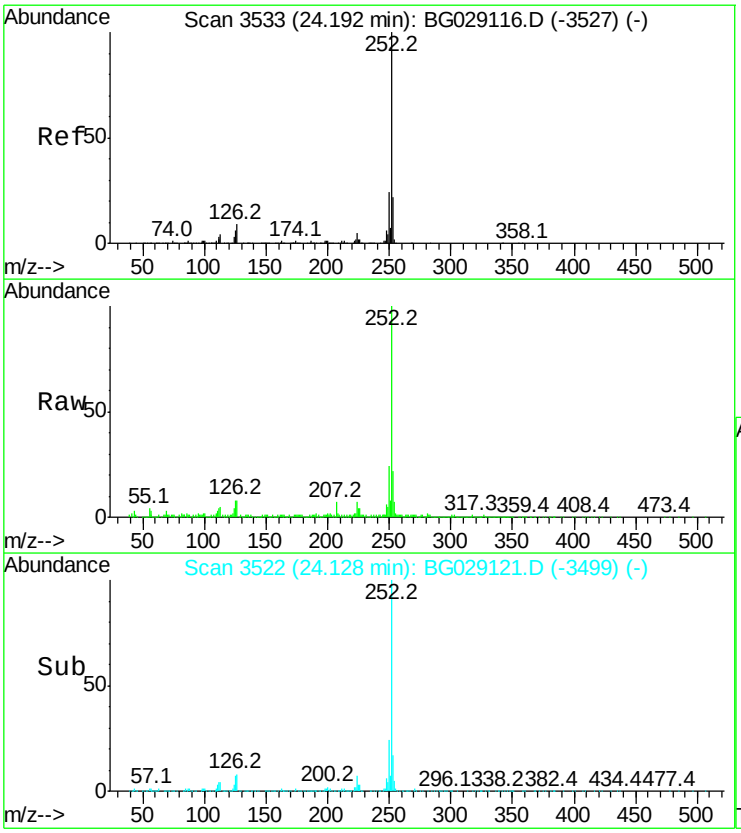
#23
Benzo(b)fluoranthene
Concen: 18.989 ng/ul
RT: 24.13 min Scan# 3522
Delta R.T. 0.01 min
Lab File: BG029121.D
Acq: 9 Oct 2017 23:58

Instrument :
BNA_G
ClientSampleId :
DAHB0

Tgt Ion:252 Resp: 454718

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	7.5	8.0	12.0#

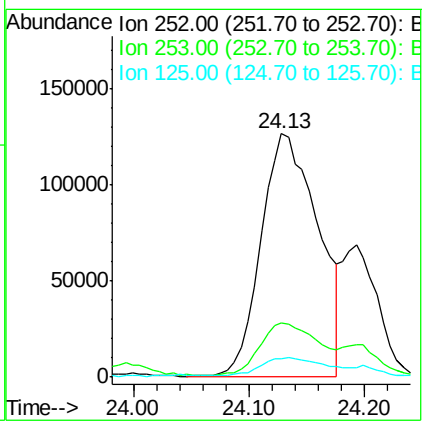


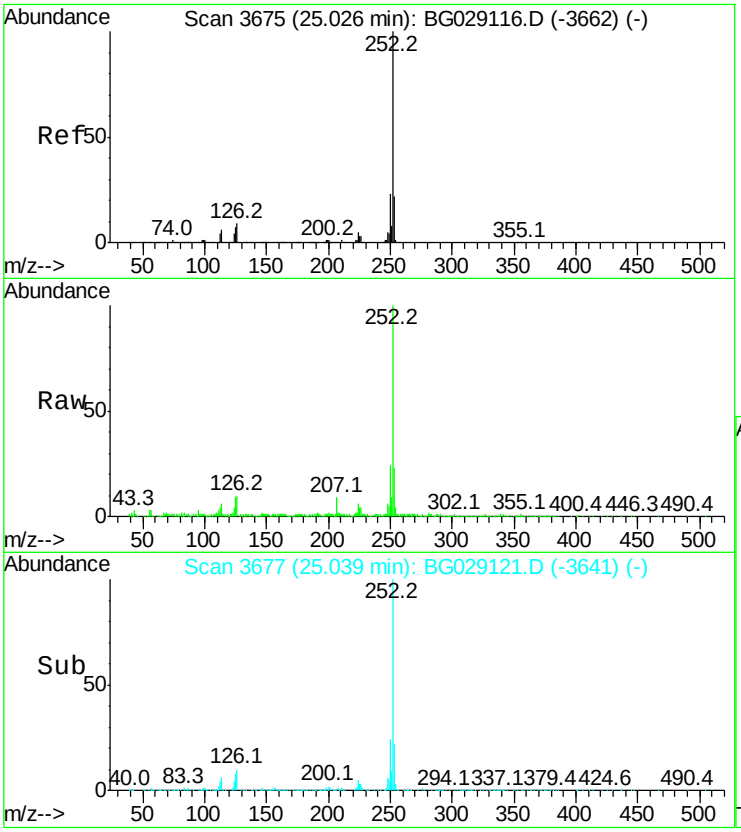


#24
Benzo(k)fluoranthene
Concen: 18.586 ng/ul
RT: 24.13 min Scan# 3522
Delta R.T. -0.06 min
Lab File: BG029121.D
Acq: 9 Oct 2017 23:58

Tgt Ion:252 Resp: 434397

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	7.5	8.1	12.1#



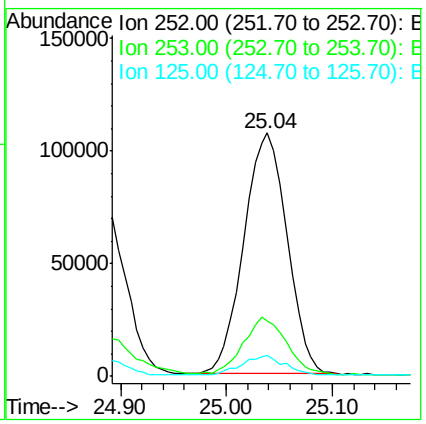


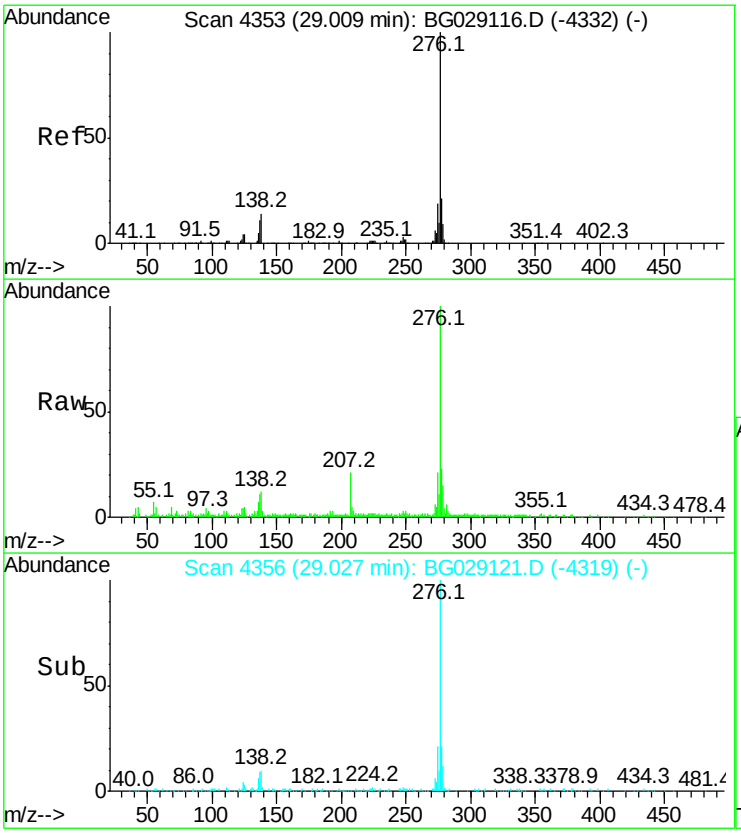
#26
Benzo(a)pyrene
Concen: 13.031 ng/ul
RT: 25.04 min Scan# 3677
Delta R.T. 0.01 min
Lab File: BG029121.D
Acq: 9 Oct 2017 23:58

Instrument :
BNA_G
ClientSampleId :
DAHB0

Tgt Ion:252 Resp: 303084

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	8.7	8.2	12.4

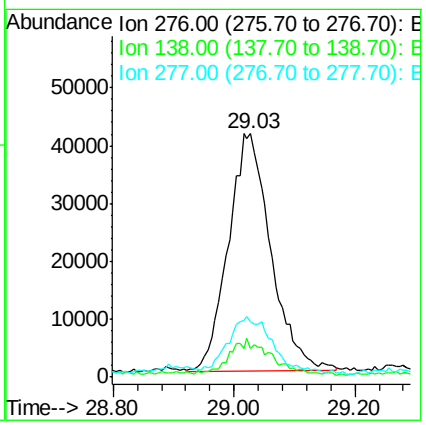


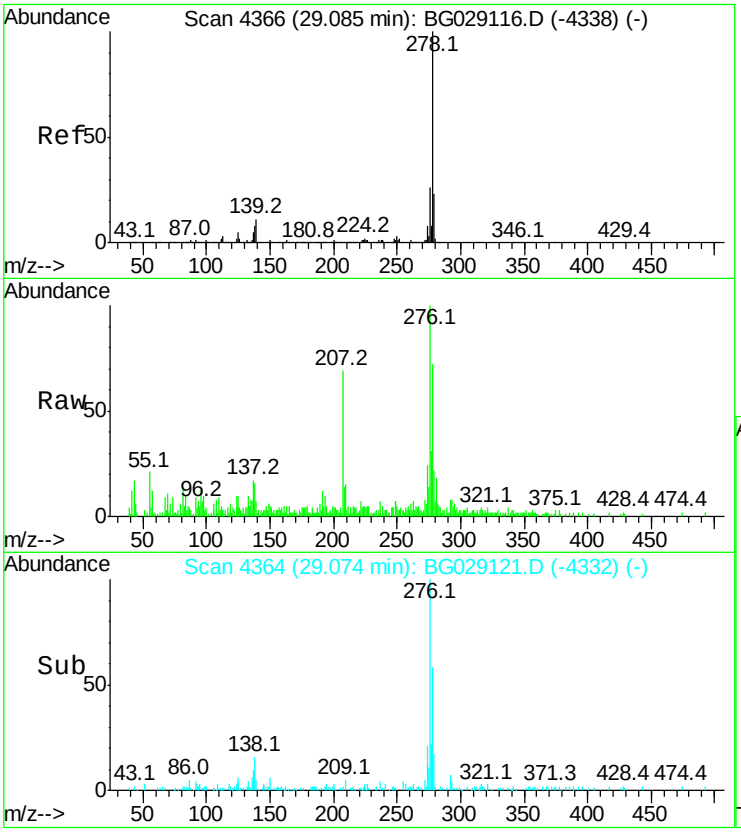


#27
Indeno(1,2,3-cd)pyrene
Concen: 7.569 ng/ul
RT: 29.03 min Scan# 4356
Delta R.T. 0.02 min
Lab File: BG029121.D
Acq: 9 Oct 2017 23:58

Tgt Ion:276 Resp: 199819

Ion	Ratio	Lower	Upper
276	100		
138	11.7	14.4	21.6#
277	22.8	18.0	27.0



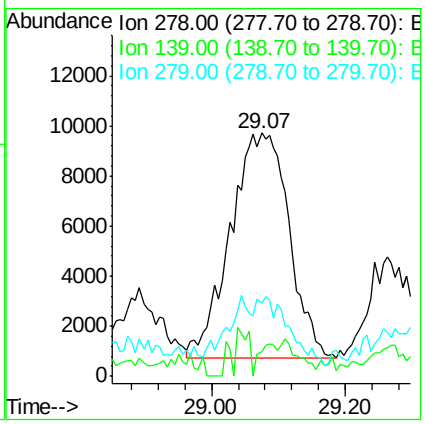


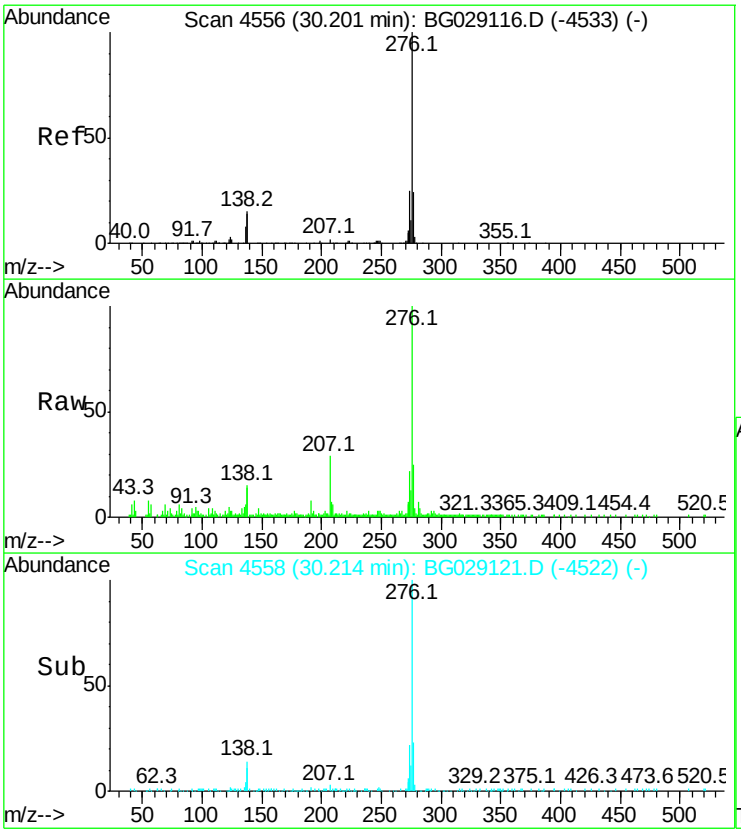
#28
Dibenzo(a,h)anthracene
Concen: 2.488 ng/ul
RT: 29.07 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BG029121.D
Acq: 9 Oct 2017 23:58

Instrument :
BNA_G
ClientSampleId :
DAHB0

Tgt Ion:278 Resp: 54371

Ion	Ratio	Lower	Upper
278	100		
139	10.0	12.2	18.4#
279	29.9	19.2	28.8#





#29
Benzo(g,h,i)perylene
Concen: 7.532 ng/ul
RT: 30.21 min Scan# 4558
Delta R.T. 0.01 min
Lab File: BG029121.D
Acq: 9 Oct 2017 23:58

Tgt Ion:276 Resp: 163957

Ion	Ratio	Lower	Upper
276	100		
138	15.3	15.3	22.9
277	24.6	19.0	28.4