Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029429.D
Acq On : 24 Oct 2017 18:00
Operator : SJ/JU
Sample : I5925-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 24 19:17:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58154	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	280713	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	189315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	448203	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	486507	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	491687	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	9102	6.36	ng/uL	0.00
5) Phenol-d5	7.31	99	181754	32.56	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	104852	30.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	140672	35.73	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	161489	35.82	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	73455	36.45	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	85584	41.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	167217	35.54	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	188993	34.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	546577	33.77	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	683348	34.72	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	240	0.08	ng/ul	0.19
57) Fluorene-d10	15.77	176	500304	37.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	70100	32.04	ng/ul	0.00
70) Anthracene-d10	17.62	188	751508	35.45	ng/ul	-0.01
76) Pyrene-d10	19.89	212	873090	34.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	851662	36.57	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	18215	1.154	ng/ul	98
49) Acenaphthene	14.85	153	14687	1.069	ng/ul	95
58) Fluorene	15.83	166	20211	1.349	ng/ul	96
69) Phenanthrene	17.56	178	355573	14.675	ng/ul	98
71) Anthracene	17.65	178	60045	2.402	ng/ul	99
72) Carbazole	17.92	167	25886	1.152	ng/ul	93
74) Fluoranthene	19.56	202	599844	22.152	ng/ul	100
77) Pyrene	19.92	202	596491	18.294	ng/ul	99
80) Benzo(a)anthracene	21.77	228	364150	11.944	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.66	149	24579	1.283	ng/ul#	94
82) Chrysene	21.84	228	377257	13.618	ng/ul	95
85) Benzo(b)fluoranthene	24.05	252	422853	14.325	ng/ul	97
86) Benzo(k)fluoranthene	24.05	252	422853	14.817	ng/ul	98
88) Benzo(a)pyrene	24.95	252	290944	10.126	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.87	276	205553	6.323	ng/ul	98
90) Dibenzo(a,h)anthracene	28.93	278	33273	1.232	ng/ul#	88
91) Benzo(g,h,i)perylene	30.07	276	173144	6.426	ng/ul	96

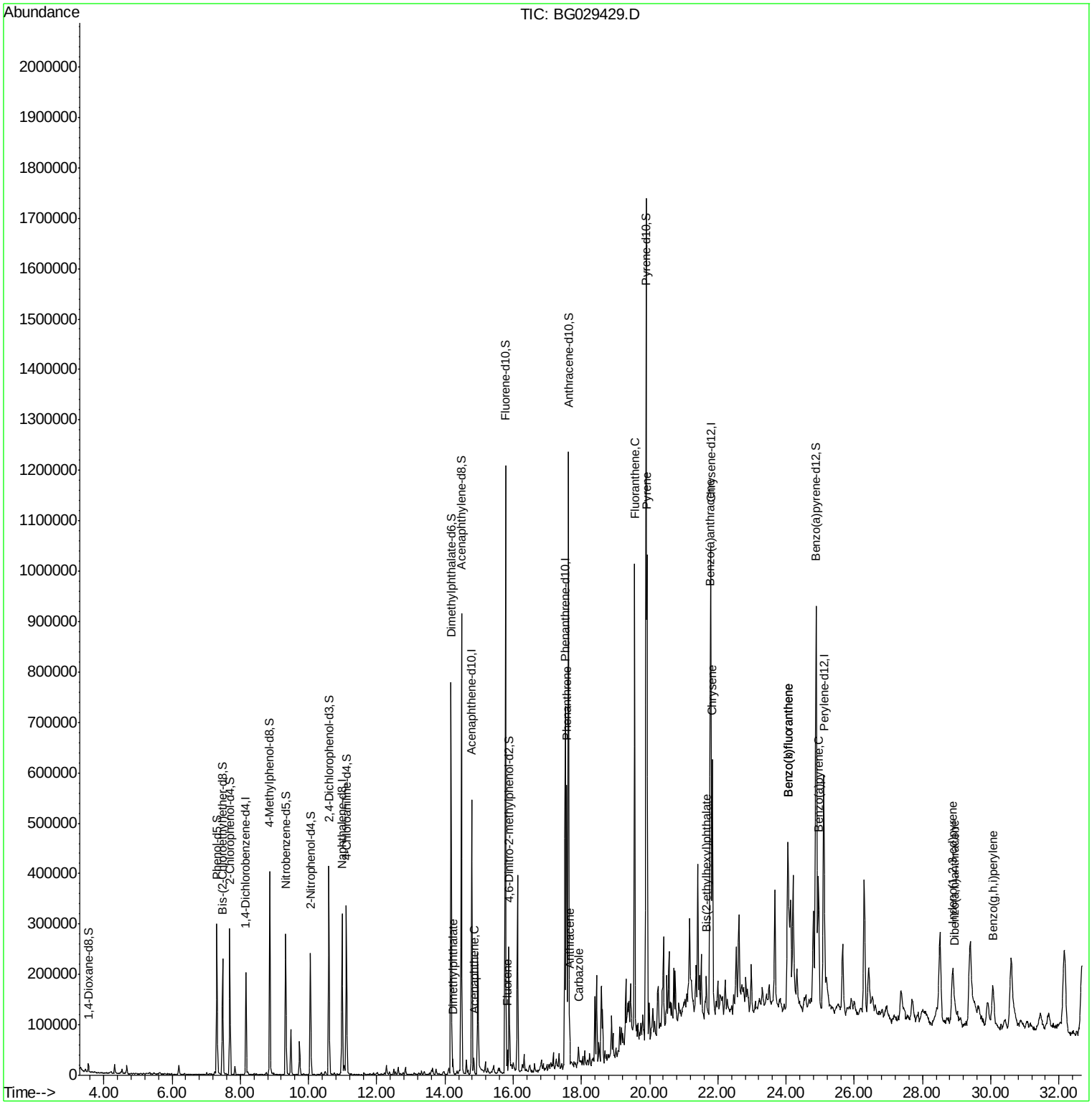
(#) = qualifier out of range (m) = manual integration (+) = signals summed

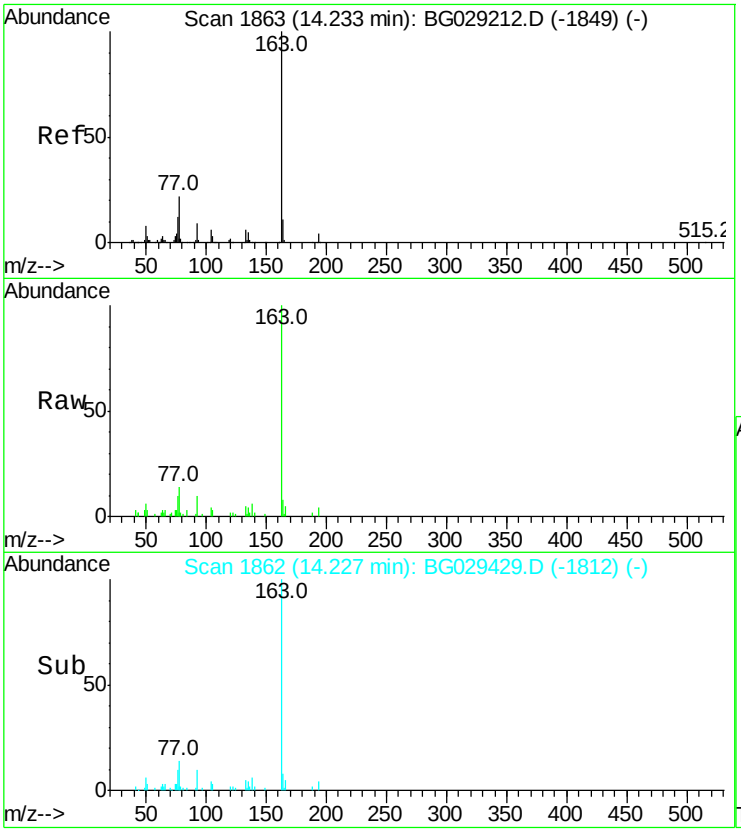
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029429.D
Acq On : 24 Oct 2017 18:00
Operator : SJ/JU
Sample : I5925-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 24 19:17:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration



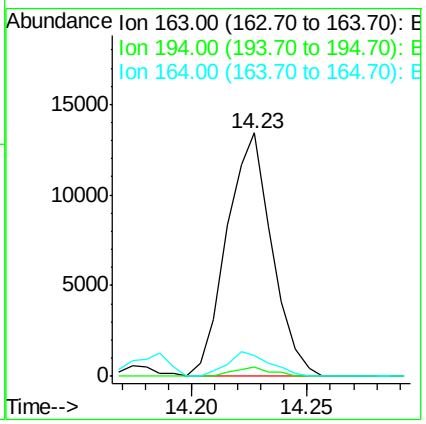


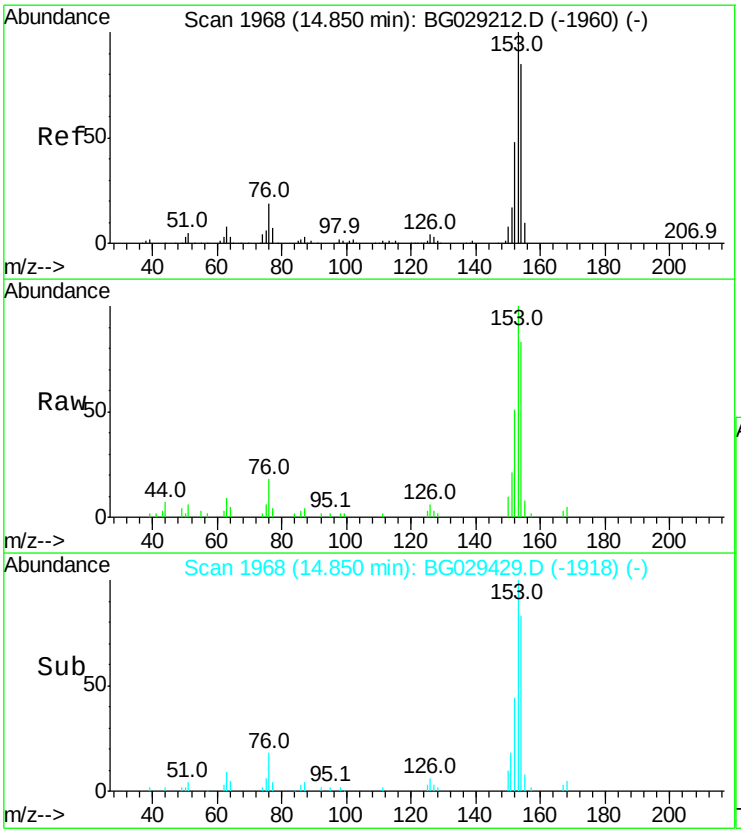
#44
Dimethylphthalate
Concen: 1.154 ng/ul
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 18215

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	8.4	7.6	11.4

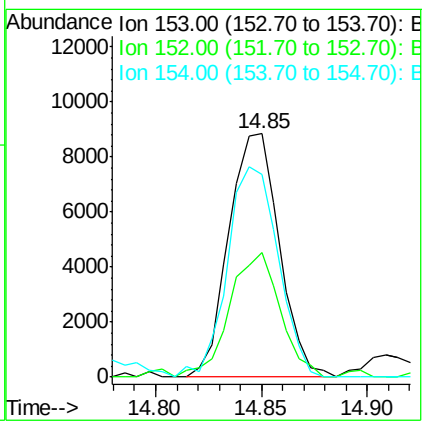


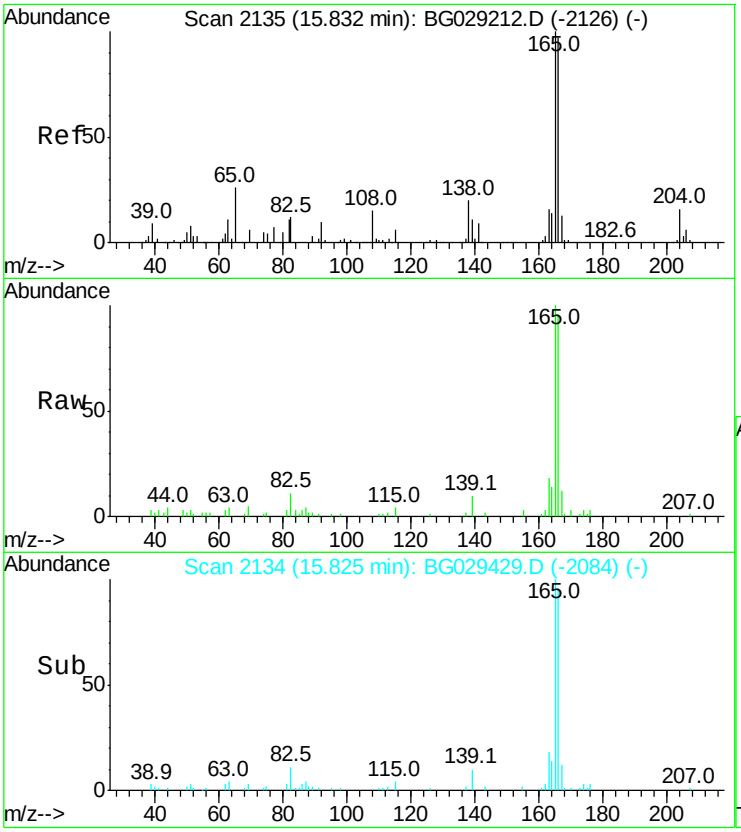


#49
Acenaphthene
Concen: 1.069 ng/ul
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion:153 Resp: 14687

Ion	Ratio	Lower	Upper
153	100		
152	51.0	38.2	57.2
154	83.0	70.6	105.8



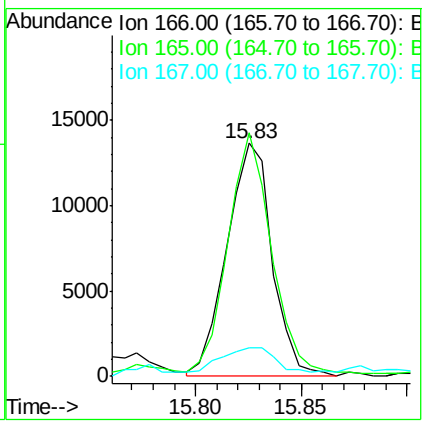


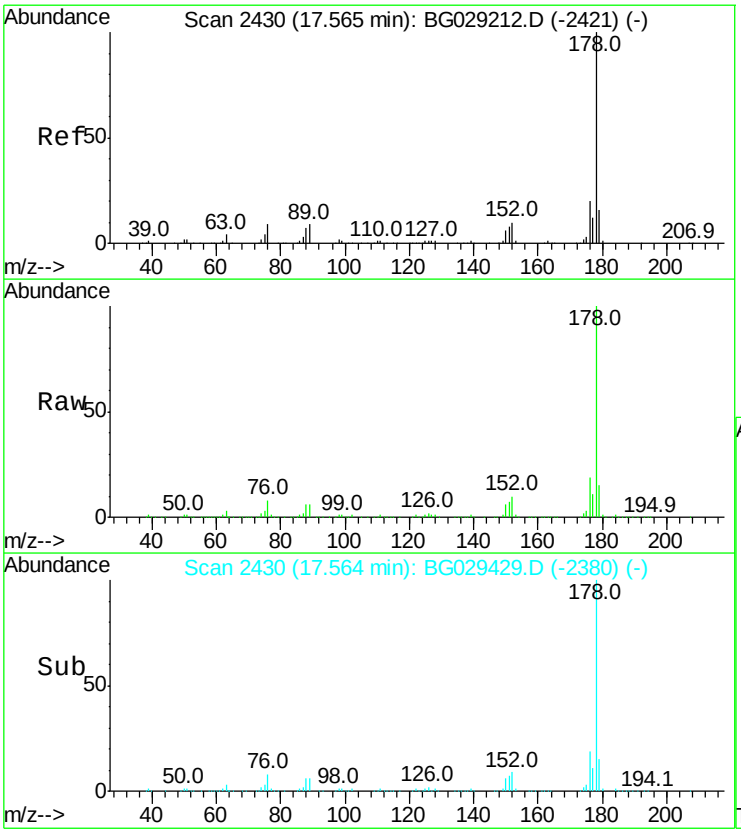
#58
Fluorene
Concen: 1.349 ng/ul
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 20211

Ion	Ratio	Lower	Upper
166	100		
165	104.4	79.9	119.9
167	12.1	10.6	16.0

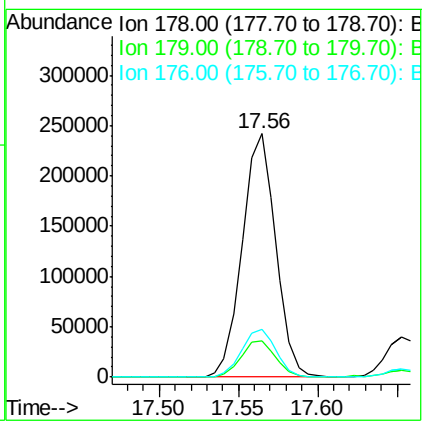


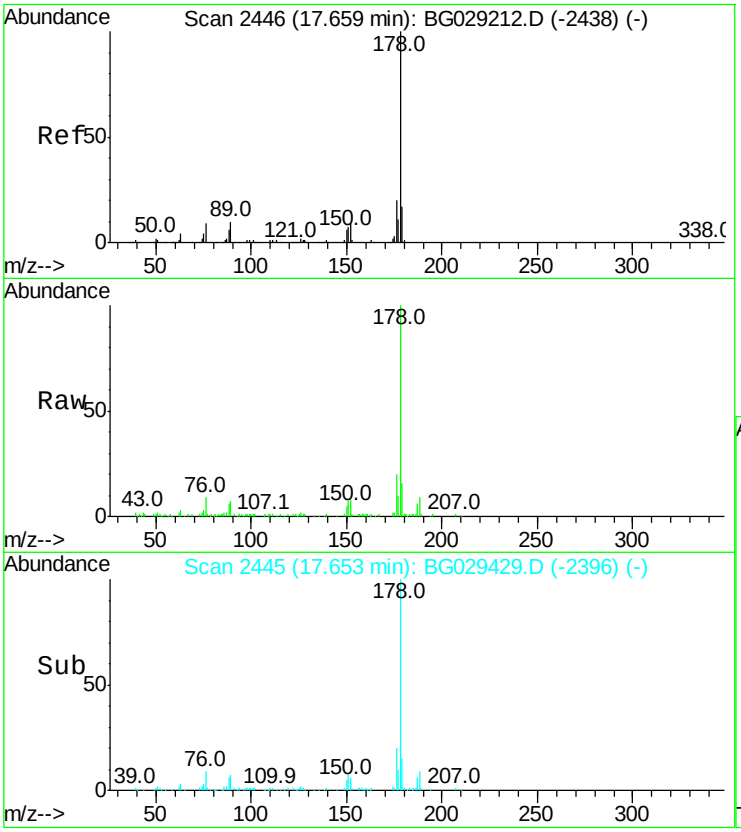


#69
Phenanthrene
Concen: 14.675 ng/ul
RT: 17.56 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion:178 Resp: 355573

Ion	Ratio	Lower	Upper
178	100		
179	14.8	13.0	19.6
176	19.4	15.3	22.9



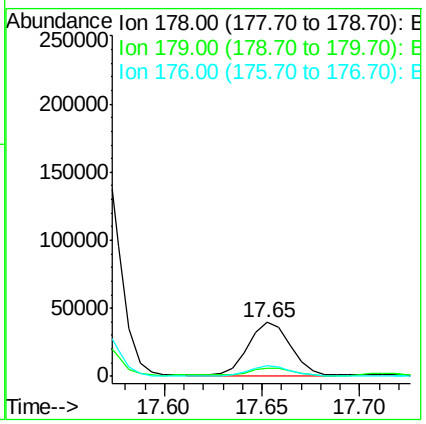


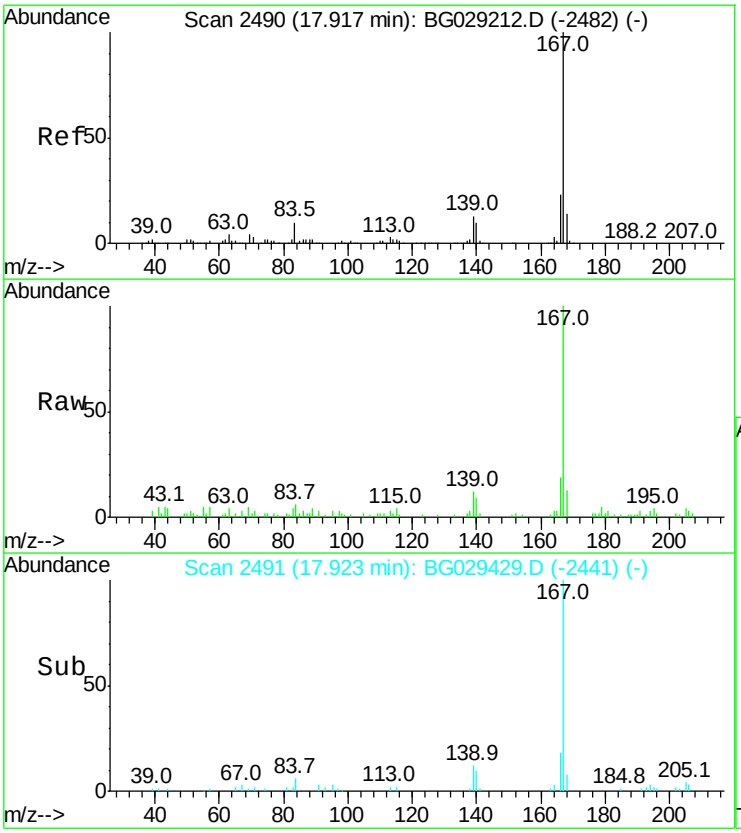
#71
Anthracene
Concen: 2.402 ng/ul
RT: 17.65 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 60045

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.2	19.8
176	20.5	16.0	24.0

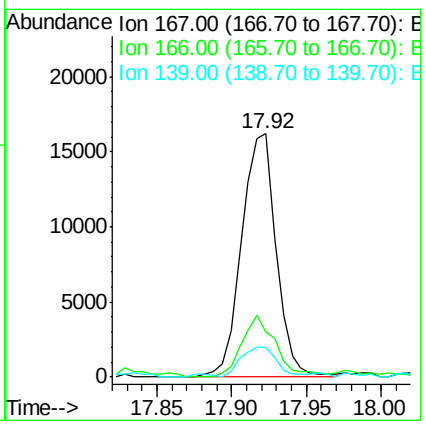


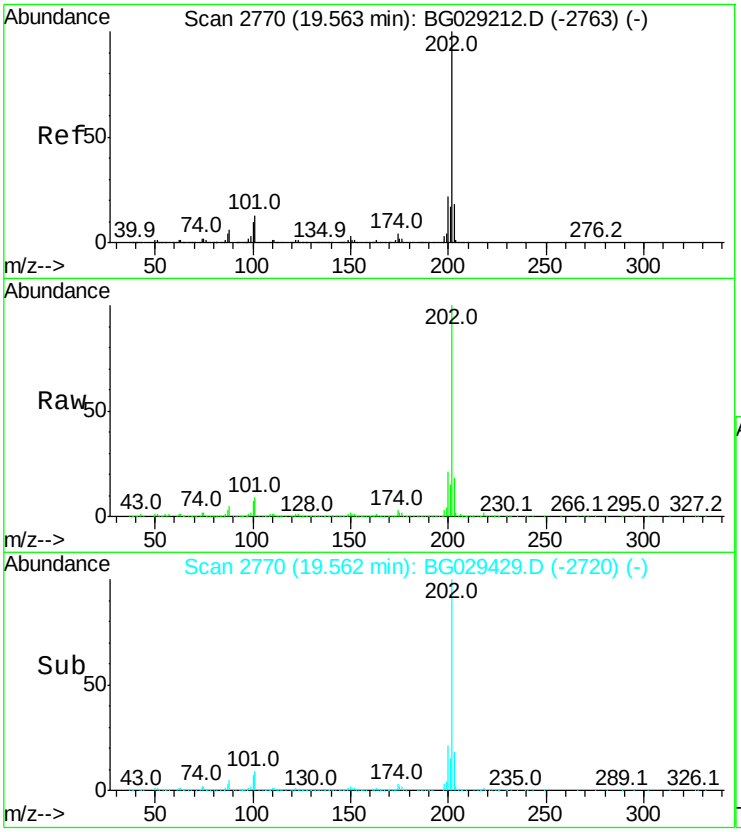


#72
Carbazole
Concen: 1.152 ng/ul
RT: 17.92 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion:167 Resp: 25886

Ion	Ratio	Lower	Upper
167	100		
166	18.8	18.6	28.0
139	12.4	10.6	16.0



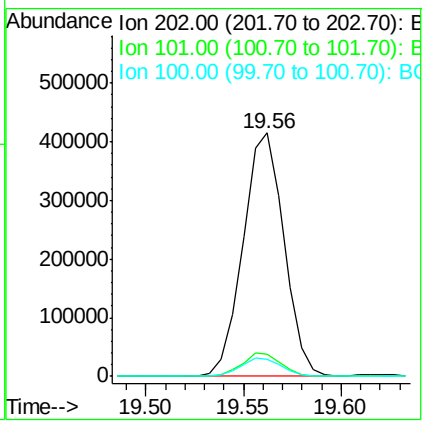


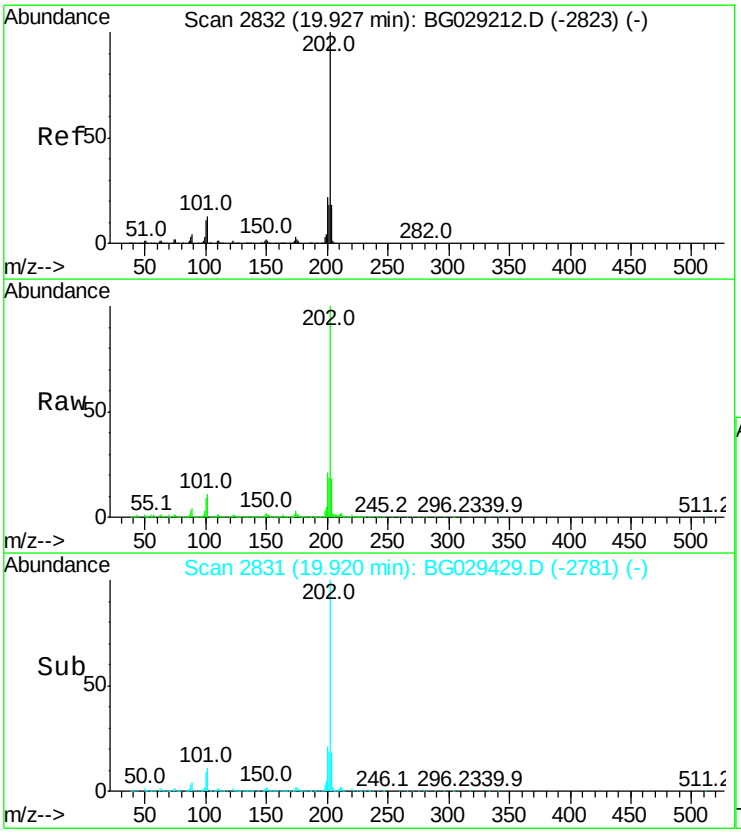
#74
Fluoranthene
Concen: 22.152 ng/ul
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 599844

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.4	11.2
100	7.1	5.6	8.4

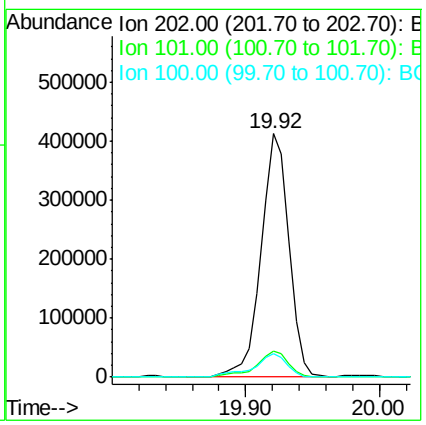


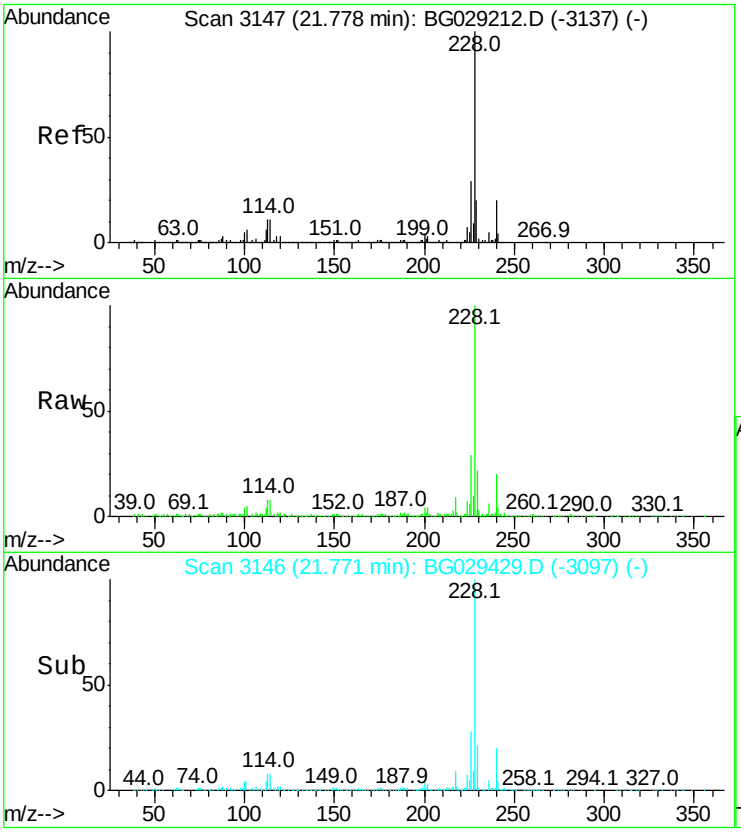


#77
Pyrene
Concen: 18.294 ng/ul
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion:202 Resp: 596491

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
100	9.4	7.0	10.6



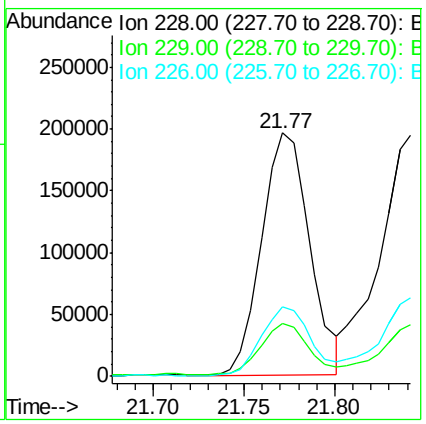


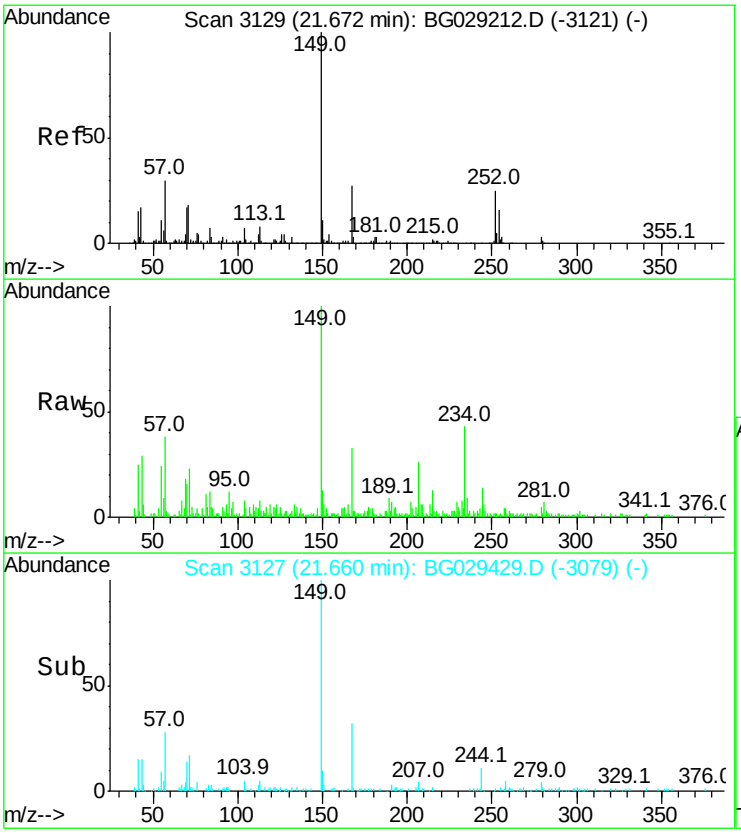
#80
Benzo(a)anthracene
Concen: 11.944 ng/ul
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 364150

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.4
226	28.6	22.2	33.2

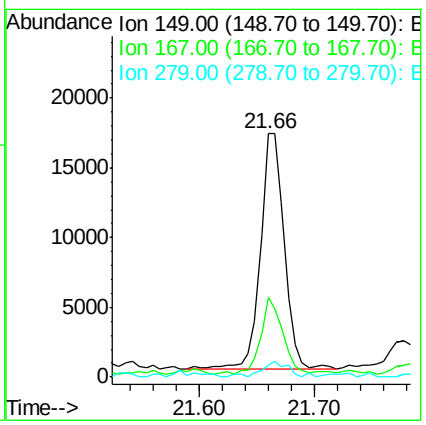


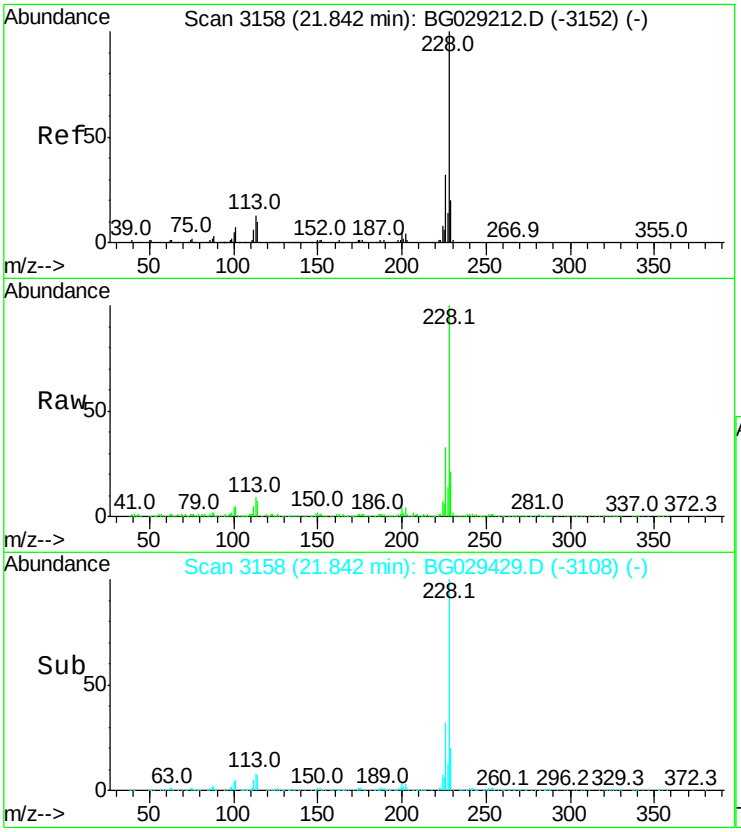


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.283 ng/ul
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion:149 Resp: 24579

Ion	Ratio	Lower	Upper
149	100		
167	32.7	23.2	34.8
279	5.0	3.1	4.7#



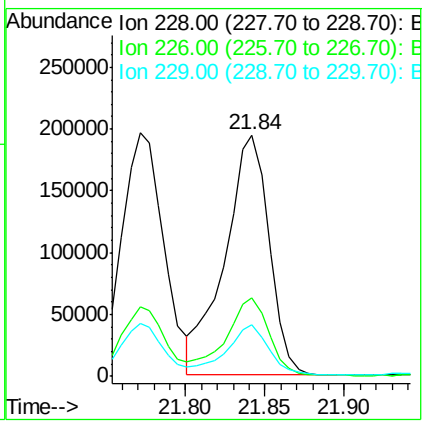


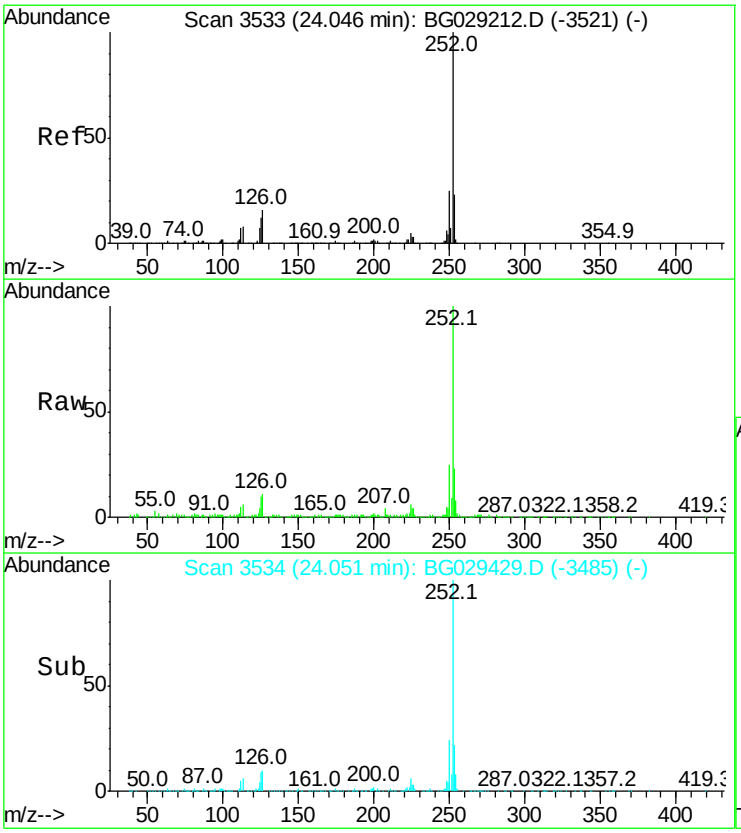
#82
Chrysene
Concen: 13.618 ng/ul
RT: 21.84 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 377257

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.2	36.2
229	21.3	15.2	22.8

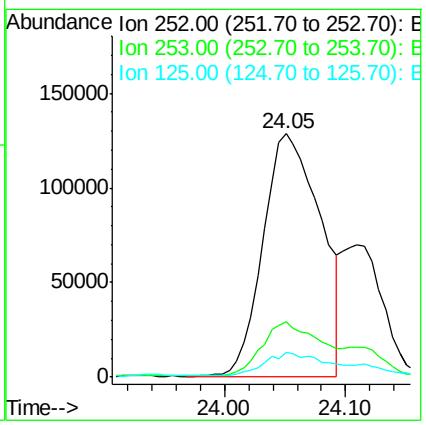


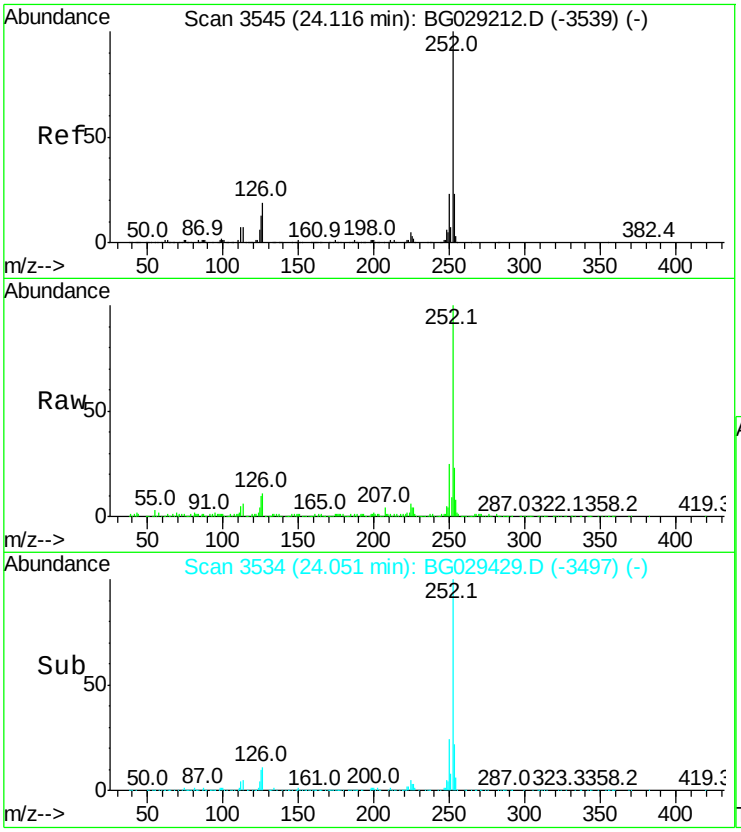


#85
Benzo(b)fluoranthene
Concen: 14.325 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion:252 Resp: 422853

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	9.9	7.5	11.3



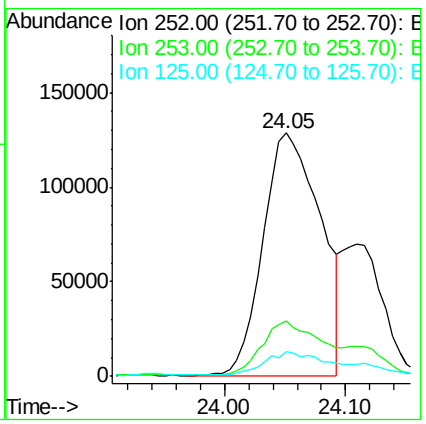


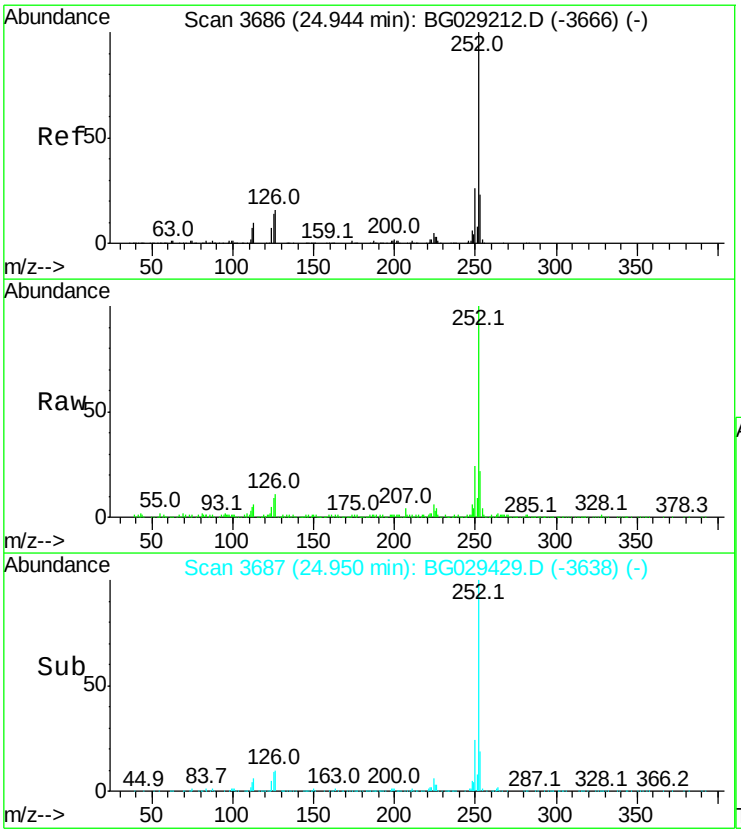
#86
Benzo(k)fluoranthene
Concen: 14.817 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. -0.08 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 422853

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	9.9	7.8	11.8

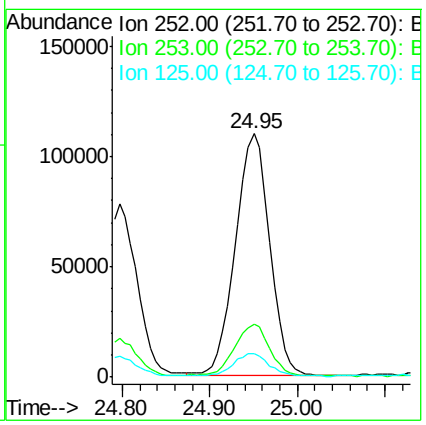


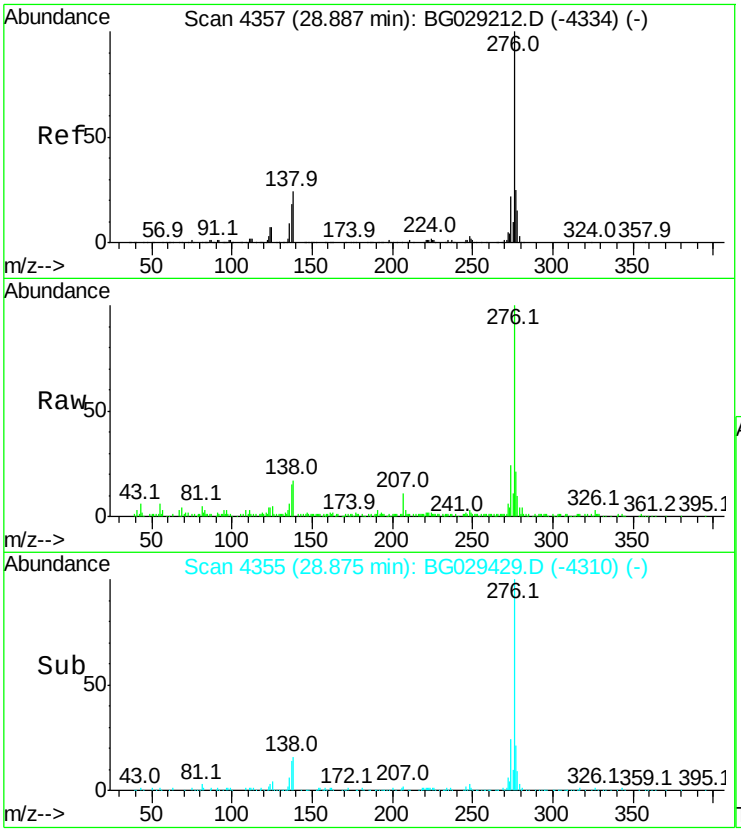


#88
Benzo(a)pyrene
Concen: 10.126 ng/ul
RT: 24.95 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion:252 Resp: 290944

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.5	7.8	11.8



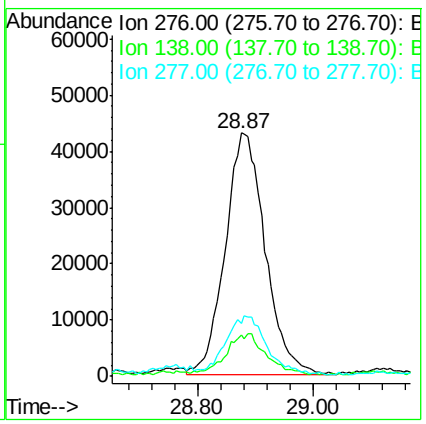


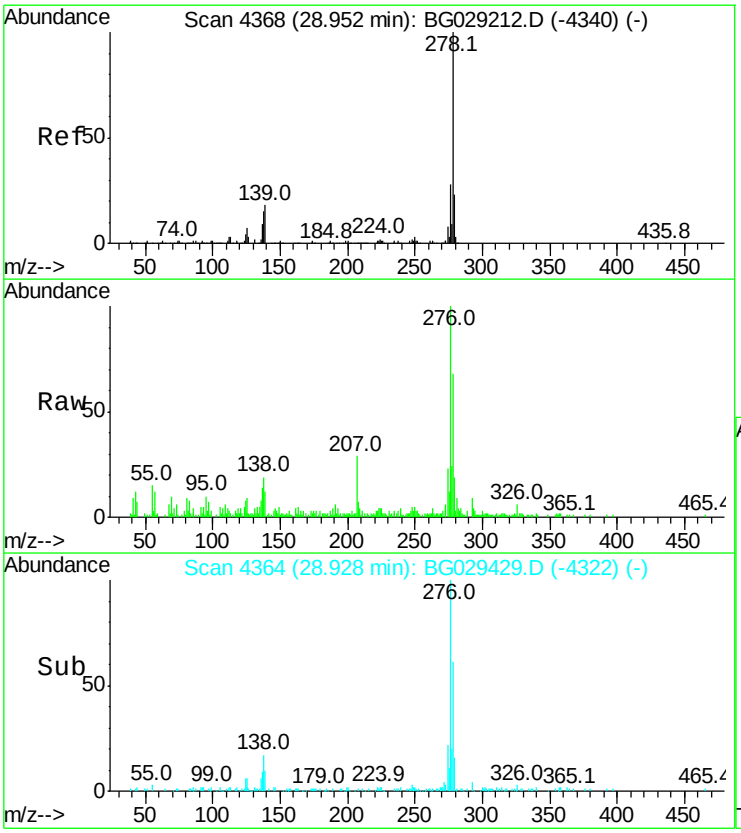
#89
Indeno(1,2,3-cd)pyrene
Concen: 6.323 ng/ul
RT: 28.87 min Scan# 4355
Delta R.T. -0.04 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 205553

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.4	20.0
277	21.5	18.6	28.0

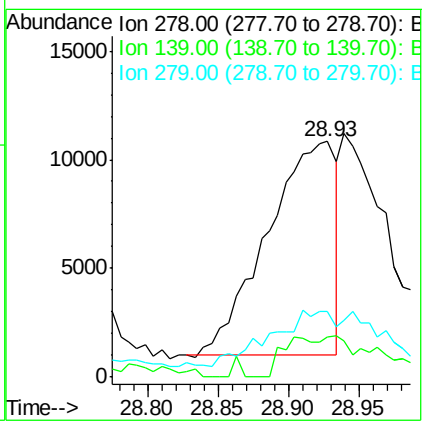


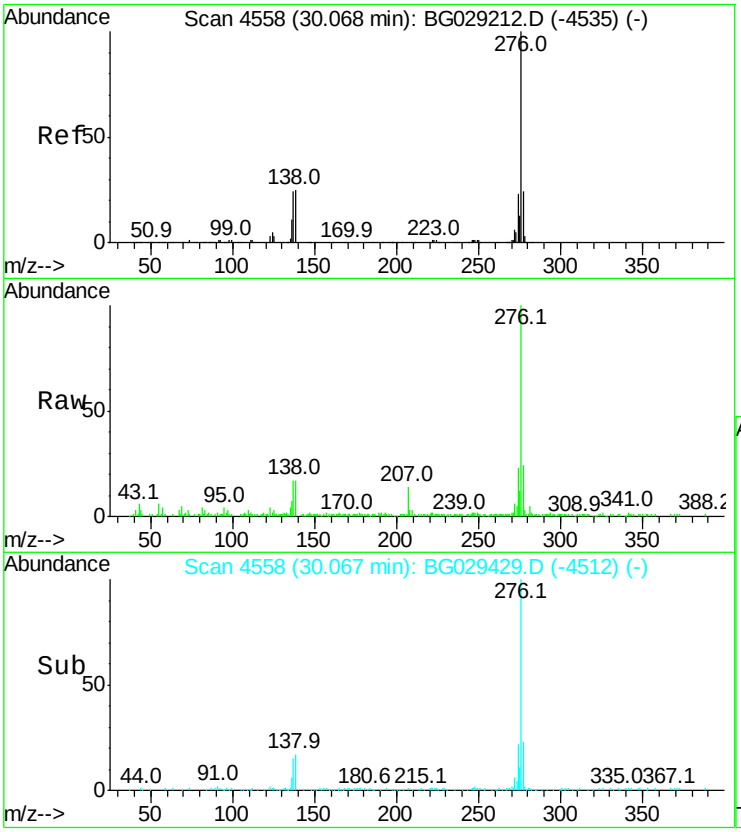


#90
Dibenzo(a,h)anthracene
Concen: 1.232 ng/ul
RT: 28.93 min Scan# 4364
Delta R.T. -0.05 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion:278 Resp: 33273

Ion	Ratio	Lower	Upper
278	100		
139	17.3	9.4	14.2#
279	27.9	18.4	27.6#





#91
Benzo(g,h,i)perylene
Concen: 6.426 ng/ul
RT: 30.07 min Scan# 4558
Delta R.T. -0.03 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 173144

Ion	Ratio	Lower	Upper
276	100		
138	17.2	12.1	18.1
277	23.5	17.7	26.5