Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029426.D
Acq On : 24 Oct 2017 16:01
Operator : SJ/JU
Sample : I5925-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 24 19:16:35 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	8.16	152	64601	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	306772	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	208267	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	504174	20.00	ng/ul	-0.01
75) Chrysene-d12	21.80	240	531837	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	540772	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	7079	4.45	ng/uL	0.00
5) Phenol-d5	7.31	99	139701	22.53	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	80901	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	109757	25.09	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	121480	24.26	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	55412	25.16	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	65777	29.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	125211	24.35	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	146886	24.59	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	428307	24.05	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	529891	24.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	55256	16.81	ng/ul	-0.01
57) Fluorene-d10	15.77	176	392867	26.94	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	42372	17.22	ng/ul	-0.01
70) Anthracene-d10	17.62	188	597383	25.05	ng/ul	-0.01
76) Pyrene-d10	19.89	212	686532	24.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	662056	25.85	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	11.03	128	23443	1.444	ng/ul#	96
34) 2-Methylnaphthalene	12.63	142	16285	1.212	ng/ul	94
49) Acenaphthene	14.84	153	19975	1.322	ng/ul	99
53) Dibenzofuran	15.18	168	23851	1.154	ng/ul#	87
58) Fluorene	15.83	166	25389	1.540	ng/ul	99
69) Phenanthrene	17.56	178	493675	18.113	ng/ul	98
71) Anthracene	17.65	178	102946	3.661	ng/ul	98
72) Carbazole	17.92	167	34527	1.366	ng/ul	98
74) Fluoranthene	19.56	202	880013	28.891	ng/ul	99
77) Pyrene	19.92	202	777580	21.815	ng/ul	98
80) Benzo(a)anthracene	21.77	228	461963	13.860	ng/ul	99
82) Chrysene	21.84	228	411715	13.595	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	520443	16.031	ng/ul	96
86) Benzo(k)fluoranthene	24.11	252	168610	5.372	ng/ul	99
88) Benzo(a)pyrene	24.94	252	358532	11.346	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	239584	6.701	ng/ul	96
90) Dibenzo(a,h)anthracene	28.93	278	66783	2.249	ng/ul#	92
91) Benzo(g,h,i)perylene	30.06	276	209406	7.066	ng/ul#	93

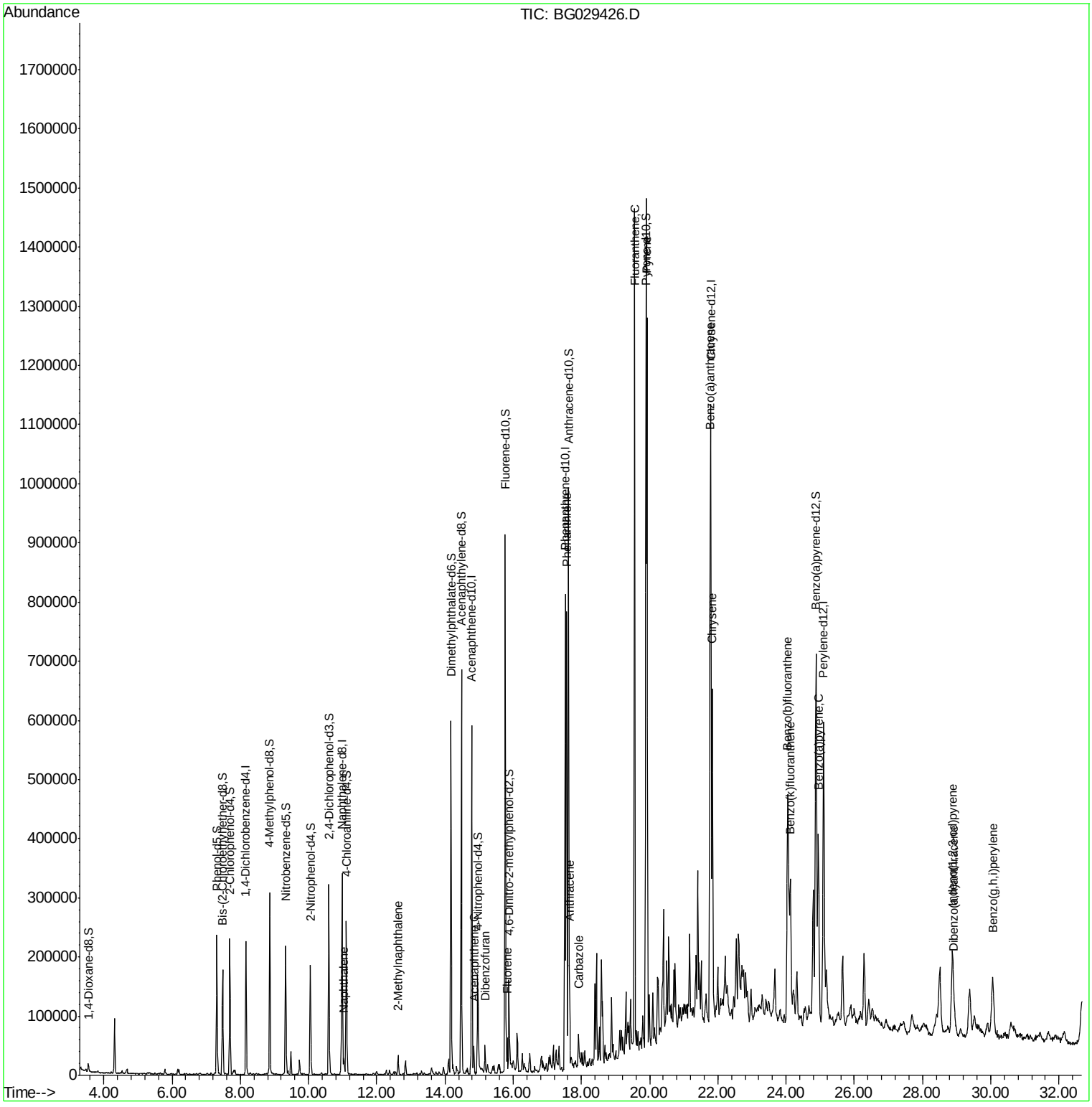
(#) = qualifier out of range (m) = manual integration (+) = signals summed

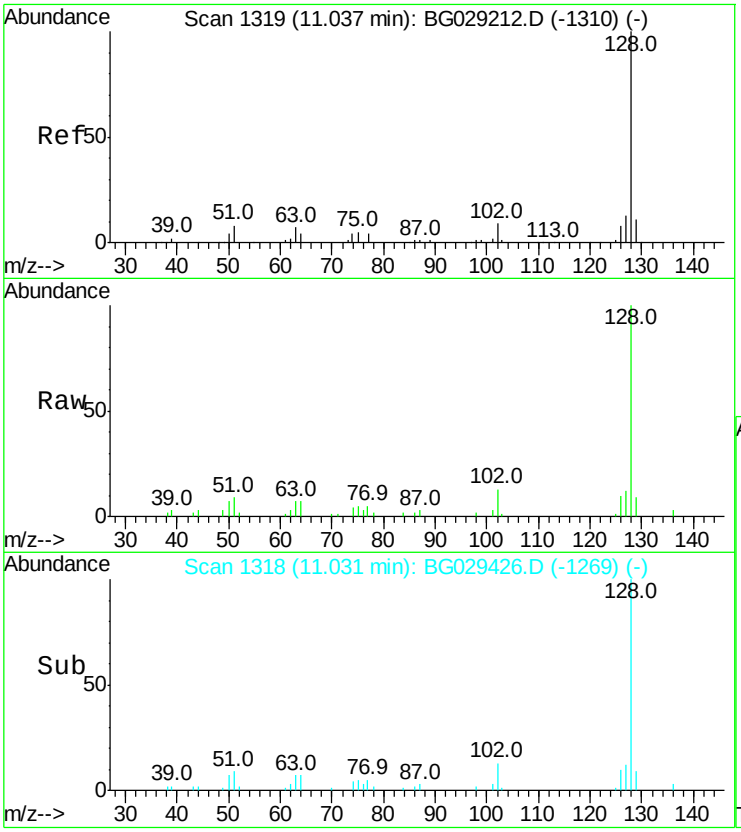
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029426.D
Acq On : 24 Oct 2017 16:01
Operator : SJ/JU
Sample : I5925-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 24 19:16:35 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



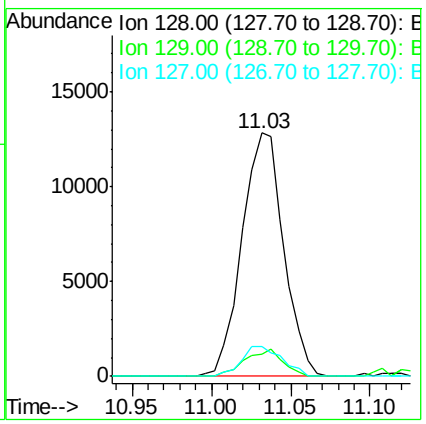


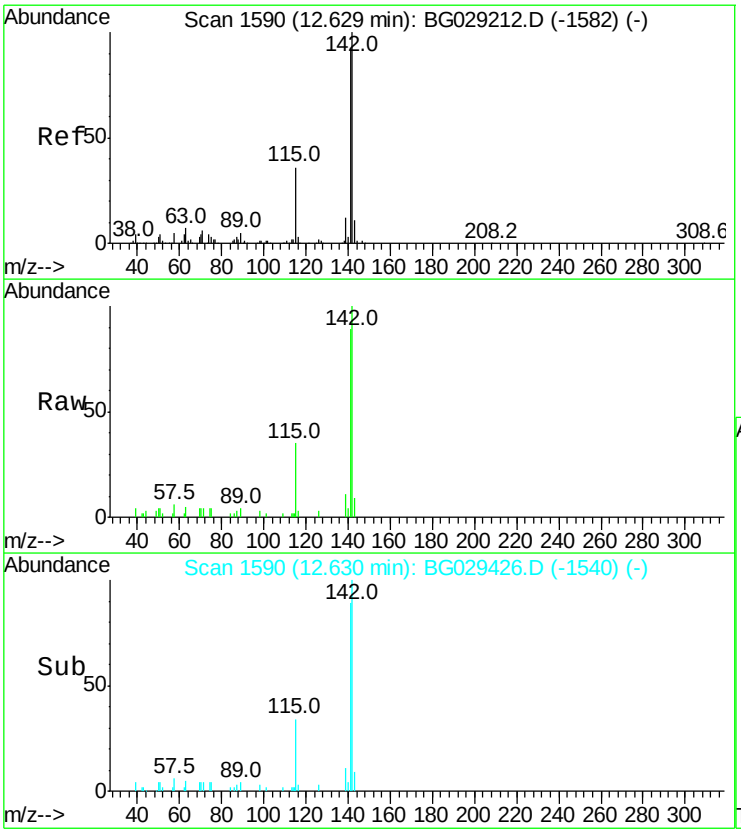
#28
Naphthalene
Concen: 1.444 ng/ul
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 23443

Ion	Ratio	Lower	Upper
128	100		
129	9.0	9.3	13.9#
127	12.5	10.7	16.1

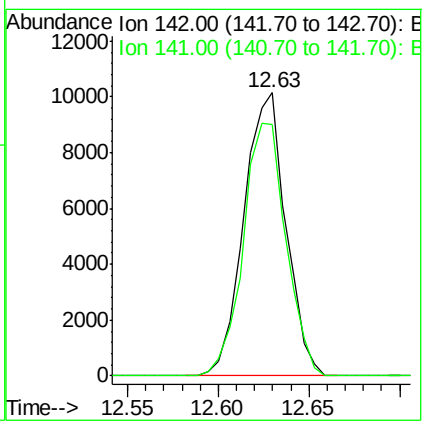


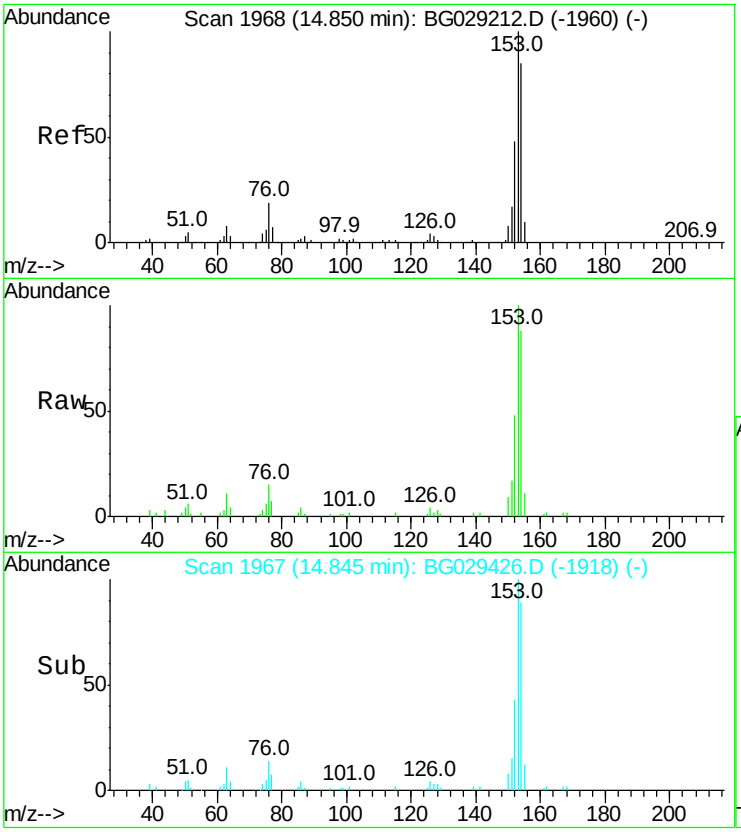


#34
2-Methylnaphthalene
Concen: 1.212 ng/ul
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Tgt Ion:142 Resp: 16285

Ion	Ratio	Lower	Upper
142	100		
141	88.7	75.4	113.0



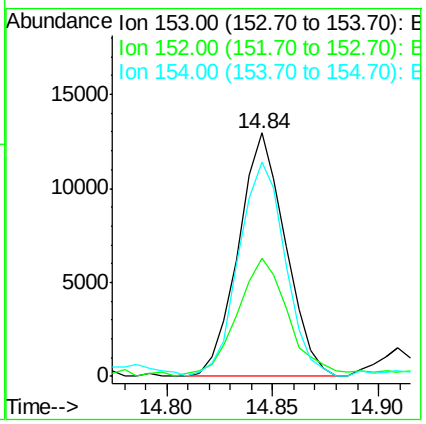


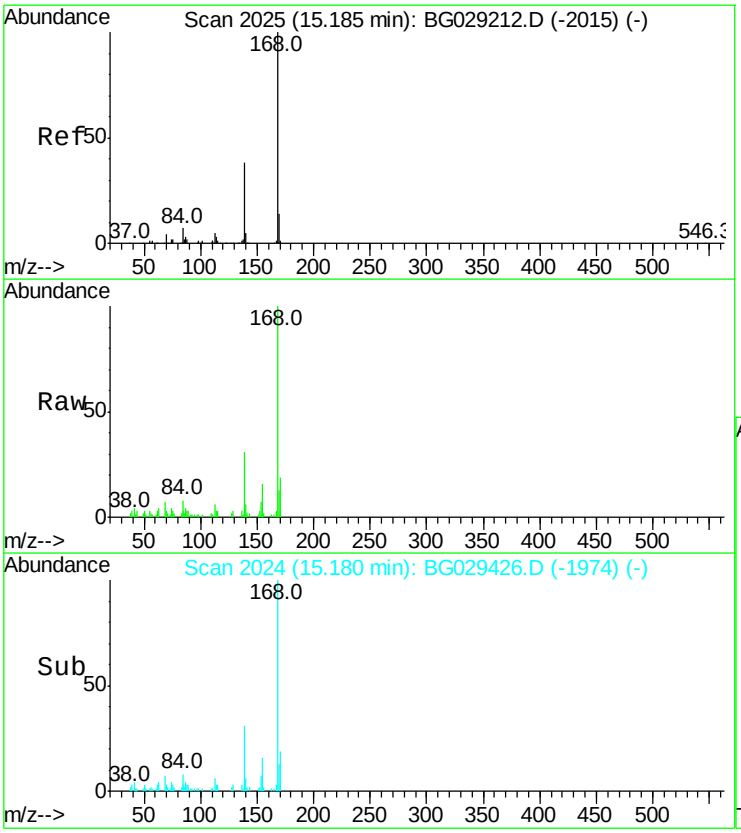
#49
Acenaphthene
Concen: 1.322 ng/ul
RT: 14.84 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 19975

Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.2	57.2
154	87.7	70.6	105.8

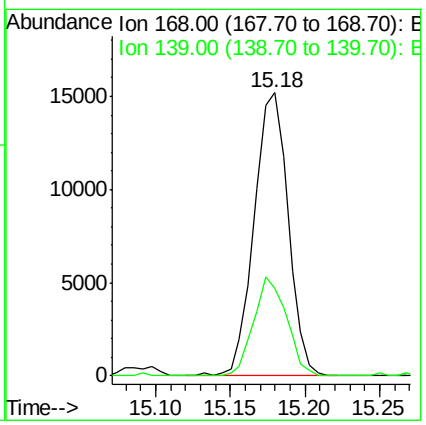


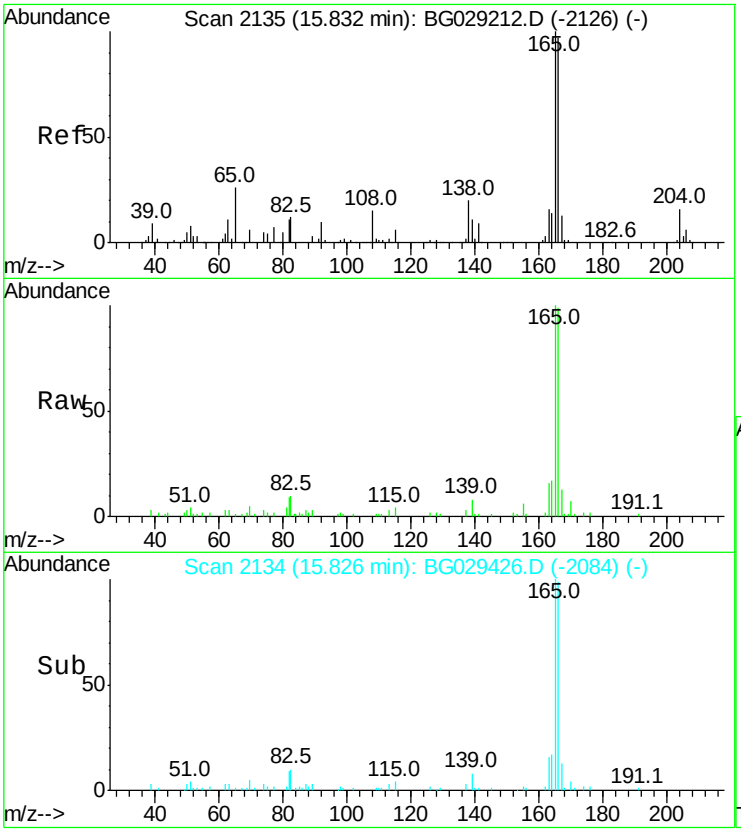


#53
Dibenzofuran
Concen: 1.154 ng/ul
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Tgt Ion:168 Resp: 23851

Ion	Ratio	Lower	Upper
168	100		
139	31.0	31.4	47.2#



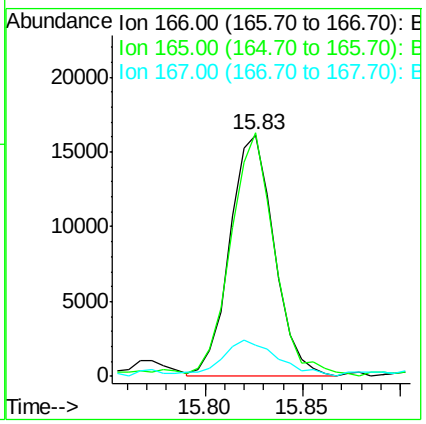


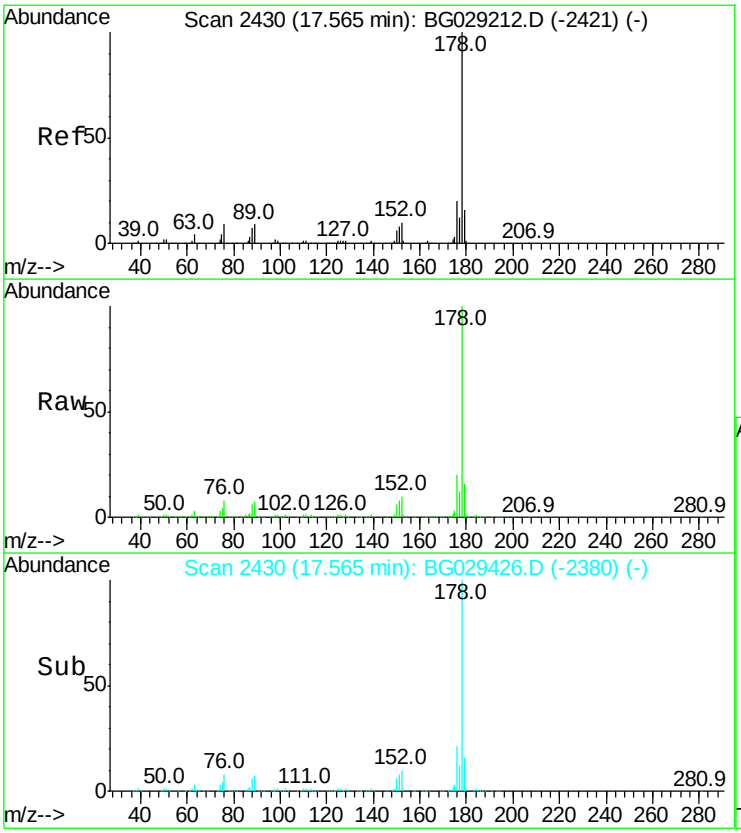
#58
Fluorene
Concen: 1.540 ng/ul
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 25389

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.9	119.9
167	13.0	10.6	16.0

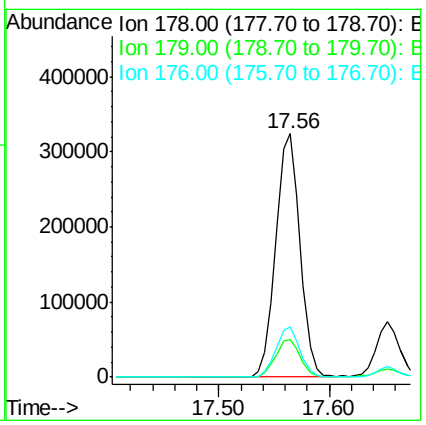


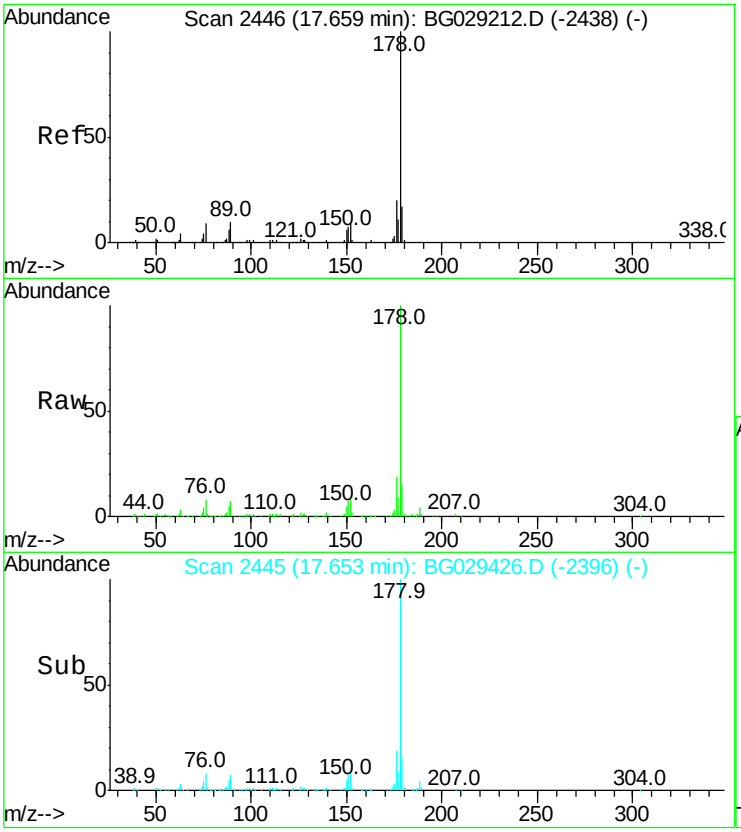


#69
Phenanthrene
Concen: 18.113 ng/ul
RT: 17.56 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Tgt Ion:178 Resp: 493675

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	20.5	15.3	22.9



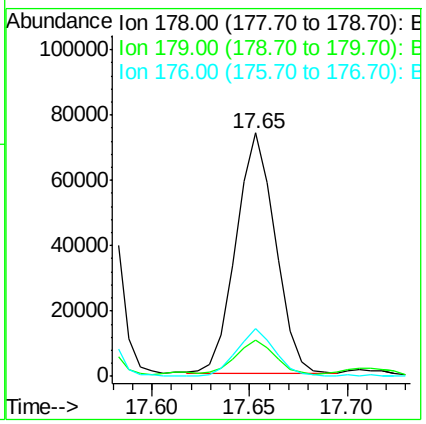


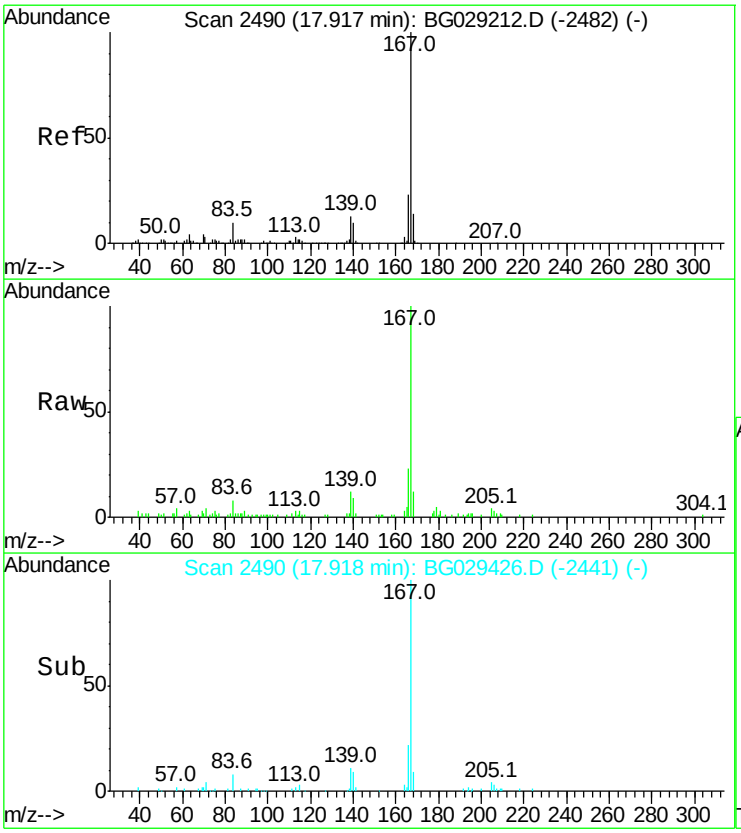
#71
Anthracene
Concen: 3.661 ng/ul
RT: 17.65 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 102946

Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.2	19.8
176	19.4	16.0	24.0

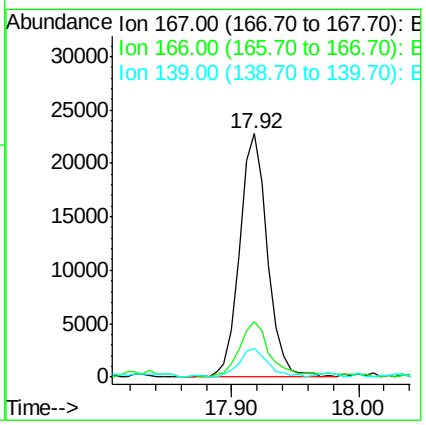


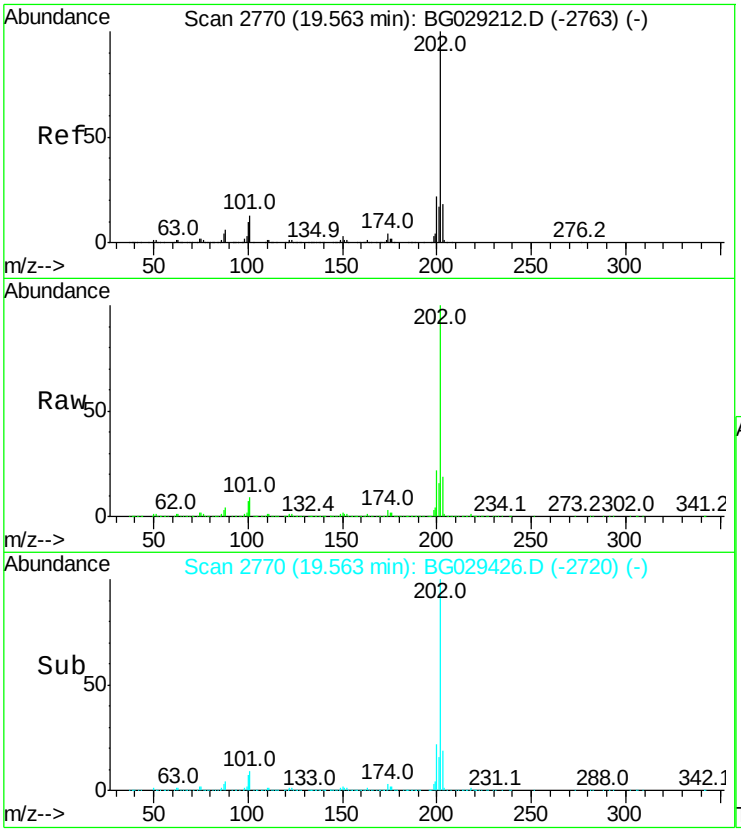


#72
Carbazole
Concen: 1.366 ng/ul
RT: 17.92 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Tgt Ion:167 Resp: 34527

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.6	28.0
139	11.8	10.6	16.0



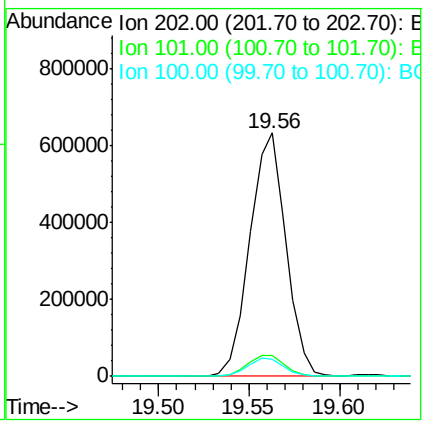


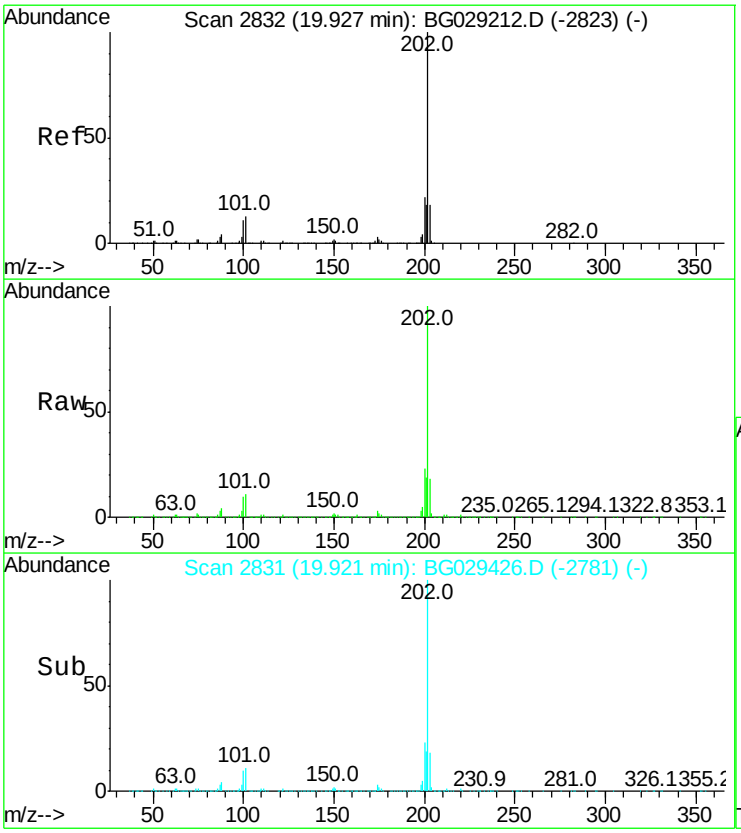
#74
Fluoranthene
Concen: 28.891 ng/ul
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 880013

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.4	11.2
100	7.1	5.6	8.4

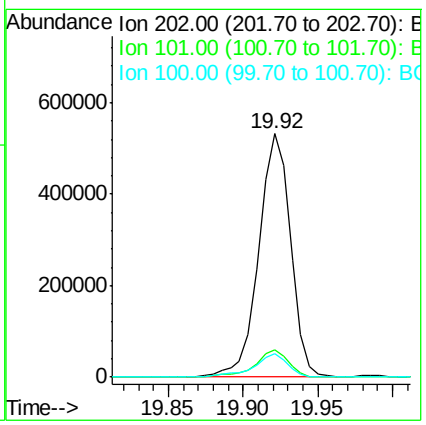


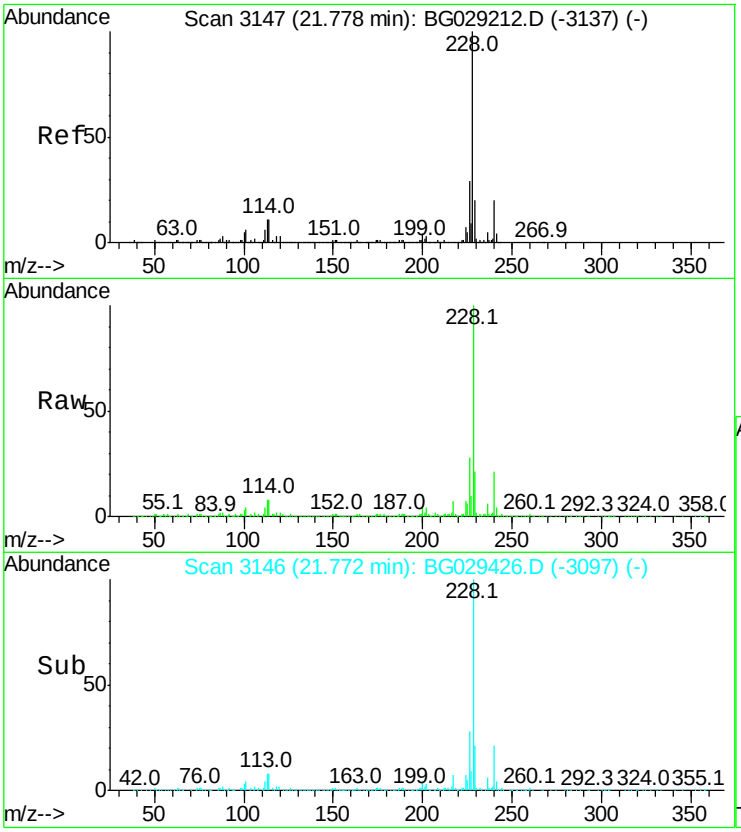


#77
Pyrene
Concen: 21.815 ng/ul
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Tgt Ion:202 Resp: 777580

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.4	12.6
100	9.5	7.0	10.6



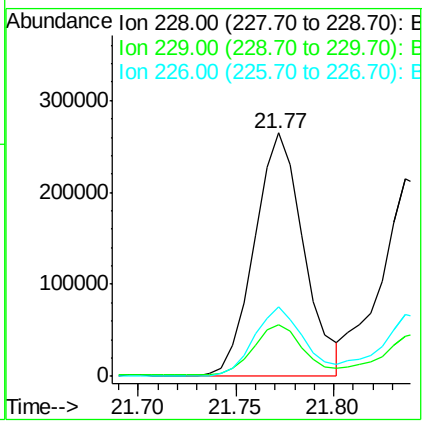


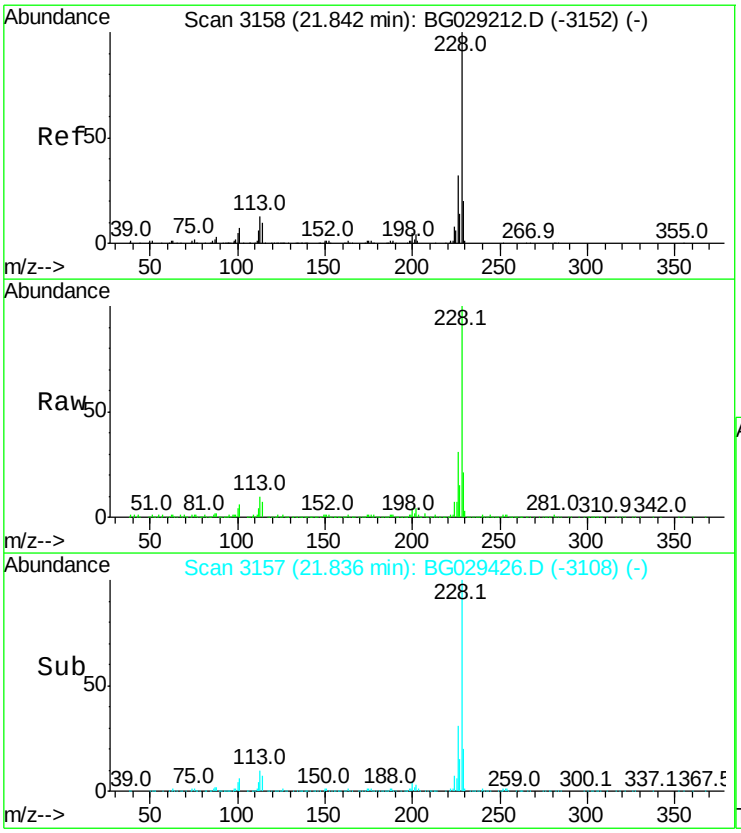
#80
Benzo(a)anthracene
Concen: 13.860 ng/ul
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 461963

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.4
226	28.4	22.2	33.2

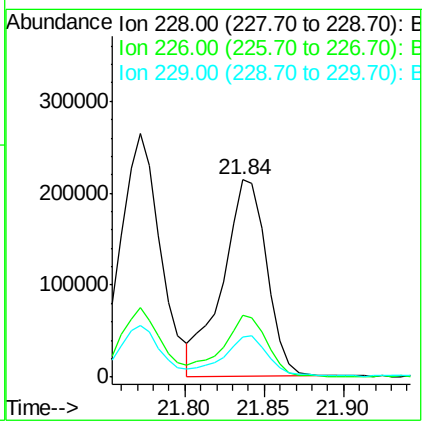


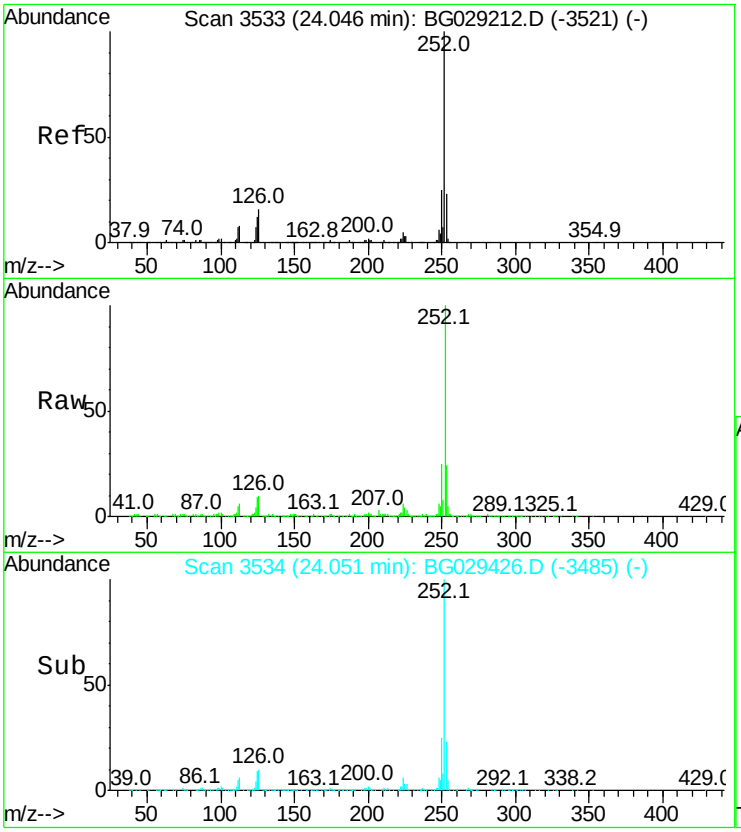


#82
Chrysene
Concen: 13.595 ng/ul
RT: 21.84 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Tgt Ion:228 Resp: 411715

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.2
229	20.7	15.2	22.8



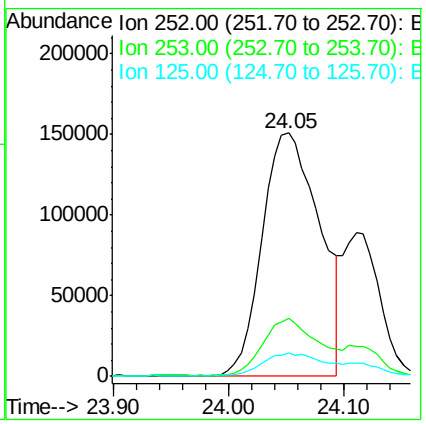


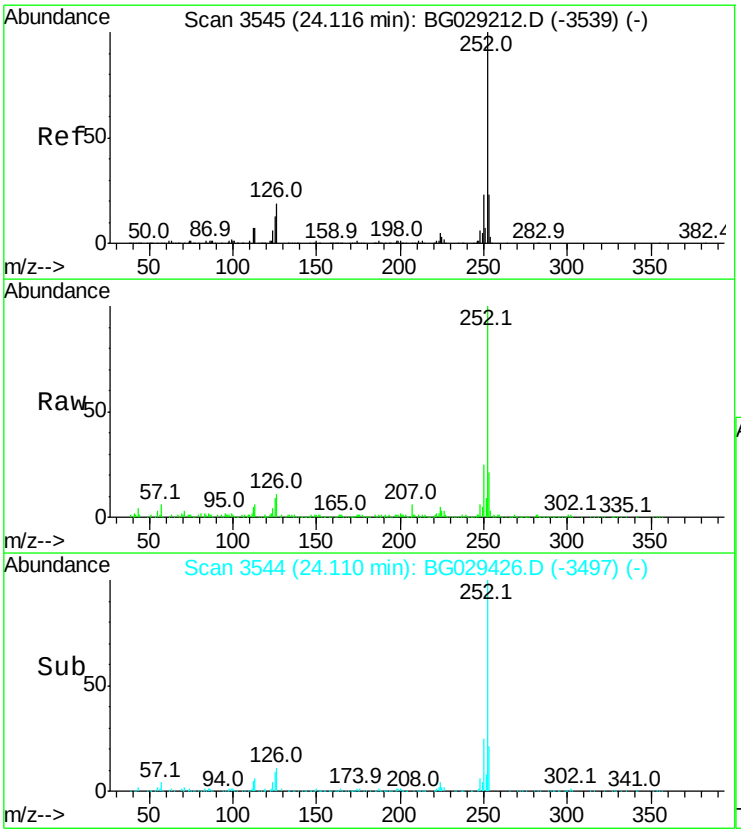
#85
Benzo(b)fluoranthene
Concen: 16.031 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 520443

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	9.4	7.5	11.3

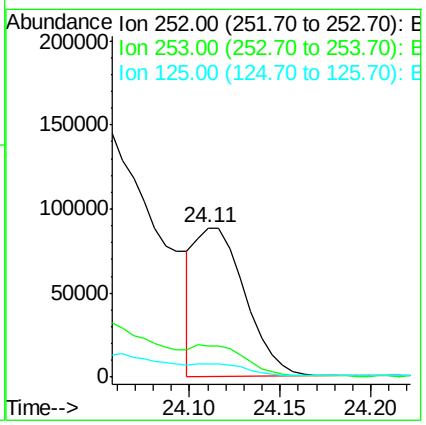


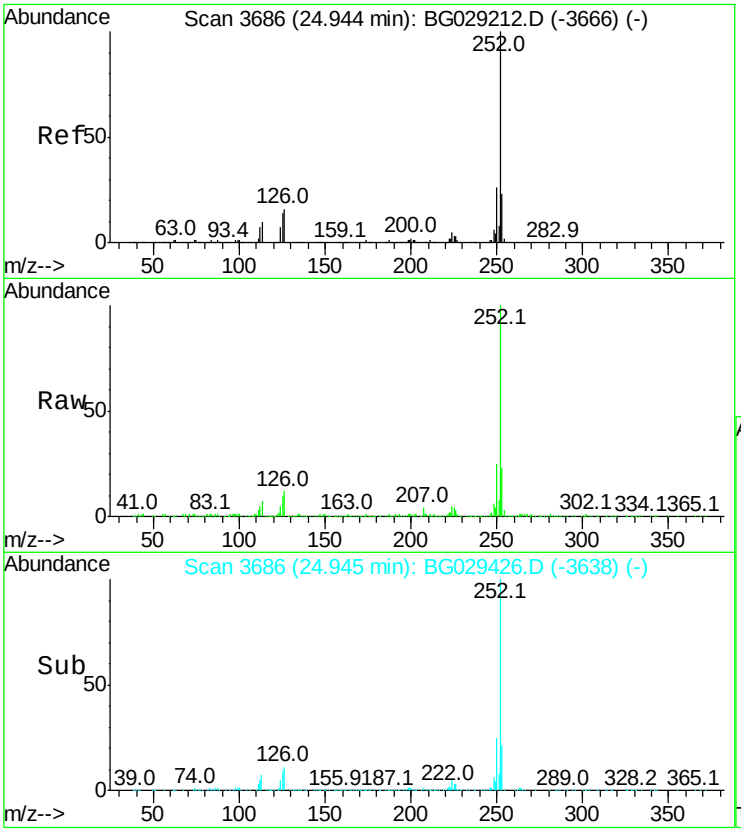


#86
Benzo(k)fluoranthene
Concen: 5.372 ng/ul
RT: 24.11 min Scan# 3544
Delta R.T. -0.02 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Tgt Ion:252 Resp: 168610

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	9.2	7.8	11.8



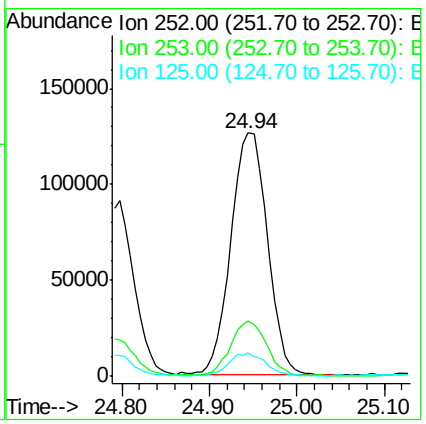


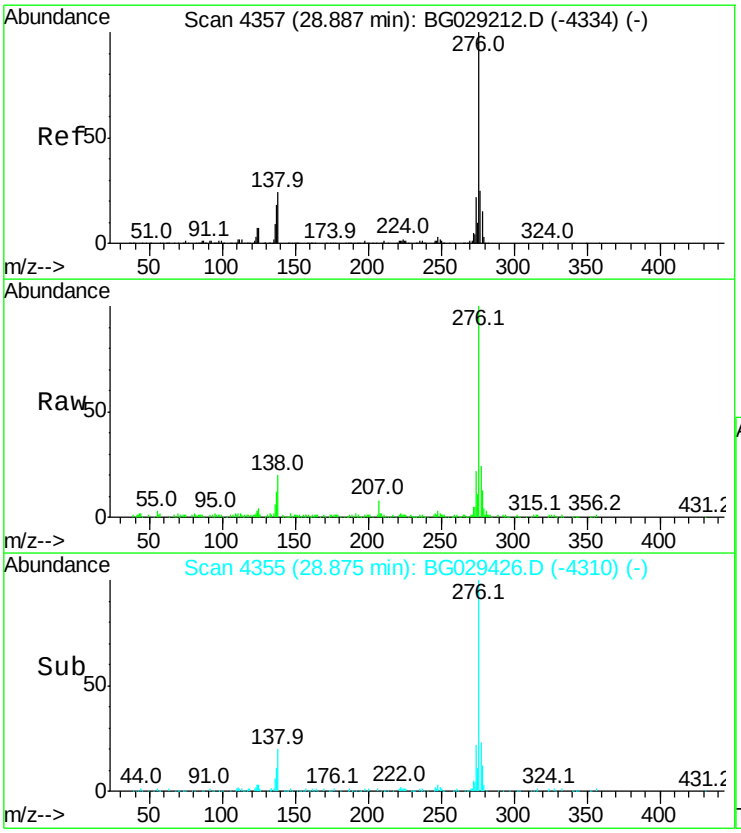
#88
Benzo(a)pyrene
Concen: 11.346 ng/ul
RT: 24.94 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 358532

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	9.5	7.8	11.8

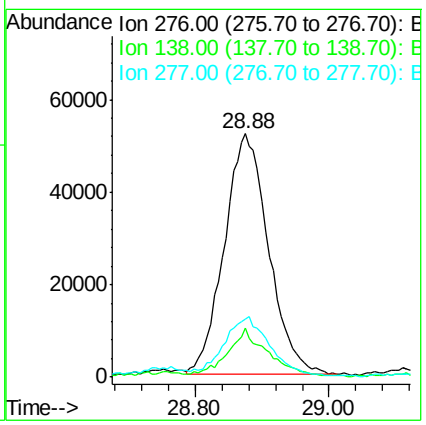


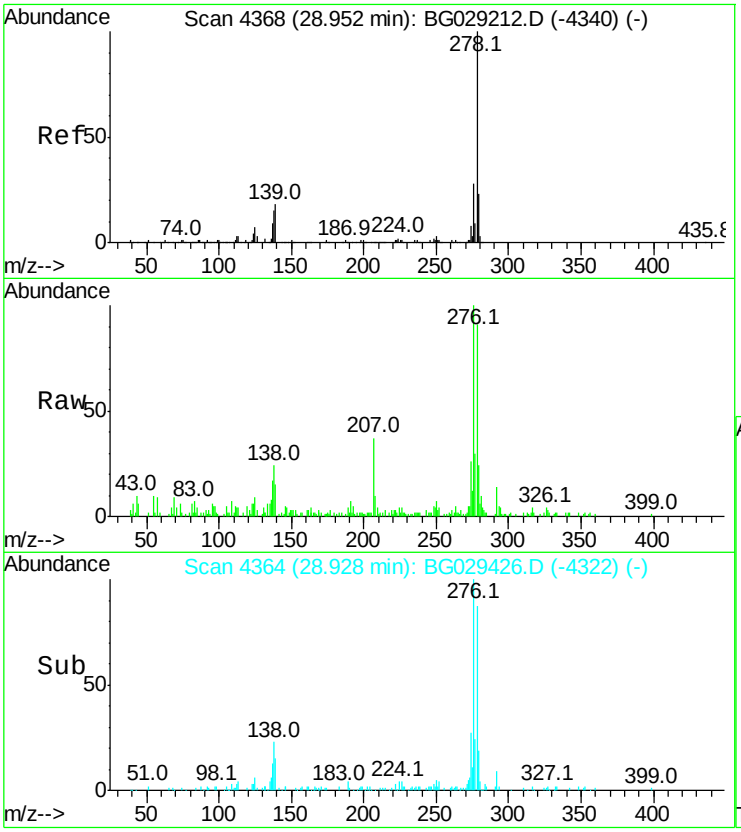


#89
Indeno(1,2,3-cd)pyrene
Concen: 6.701 ng/ul
RT: 28.88 min Scan# 4355
Delta R.T. -0.04 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Tgt Ion:276 Resp: 239584

Ion	Ratio	Lower	Upper
276	100		
138	19.9	13.4	20.0
277	24.0	18.6	28.0



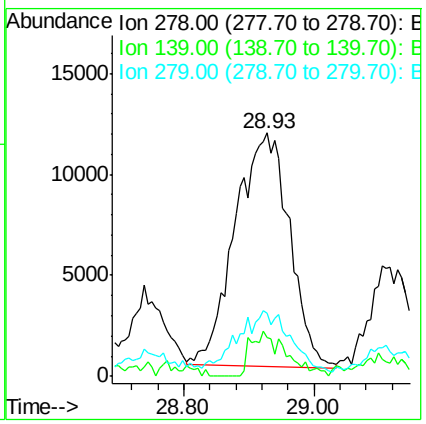


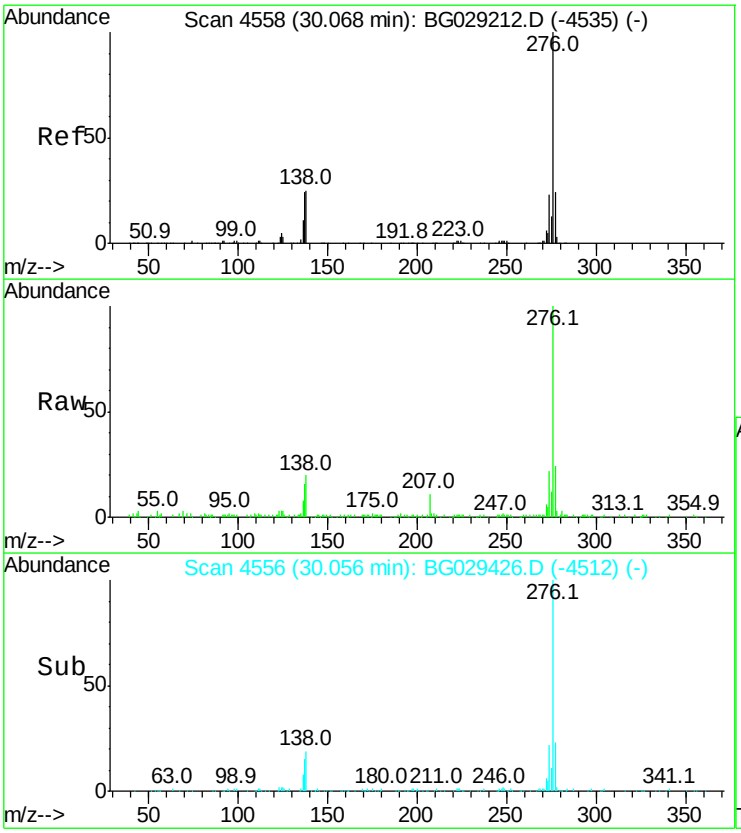
#90
Dibenzo(a,h)anthracene
Concen: 2.249 ng/ul
RT: 28.93 min Scan# 4364
Delta R.T. -0.05 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 66783

Ion	Ratio	Lower	Upper
278	100		
139	16.0	9.4	14.2#
279	26.0	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 7.066 ng/ul
RT: 30.06 min Scan# 4556
Delta R.T. -0.04 min
Lab File: BG029426.D
Acq: 24 Oct 2017 16:01

Tgt Ion:276 Resp: 209406

Ion	Ratio	Lower	Upper
276	100		
138	19.7	12.1	18.1#
277	24.2	17.7	26.5