Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
Data File : BG046744.D
Acq On : 2 Oct 2020 19:42
Operator : CG/JU
Sample : L4151-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K9

Quant Time: Oct 03 00:38:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	61543	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	256209	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	175888	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	427972	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	488439	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	513405	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	5285	4.22	ng/uL	0.00
5) Phenol-d5	7.25	99	83808	15.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	56245	17.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	65756	17.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	64213	15.59	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	34056	17.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	35756	18.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	69408	15.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	62413	11.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	255783	19.03	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	274746	17.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	42225	18.43	ng/ul	-0.01
58) Fluorene-d10	15.72	176	218542	17.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	39388	18.42	ng/ul	0.00
71) Anthracene-d10	17.57	188	342032	17.42	ng/ul	0.00
79) Pyrene-d10	19.85	212	440790	17.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	454550	16.43	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.97	128	19534	1.377	ng/ul#	89
45) Dimethylphthalate	14.18	163	28072	2.064	ng/ul#	92
50) Acenaphthene	14.80	153	11840	1.058	ng/ul	95
54) Dibenzofuran	15.13	168	16651	1.013	ng/ul	99
59) Fluorene	15.78	166	16058	1.203	ng/ul#	80
70) Phenanthrene	17.52	178	296755	12.684	ng/ul	100
72) Anthracene	17.61	178	60583	2.556	ng/ul	98
75) Carbazole	17.87	167	28247	1.495	ng/ul#	94
77) Fluoranthene	19.52	202	528746	19.032	ng/ul	99
80) Pyrene	19.88	202	434846	13.851	ng/ul	98
83) Benzo(a)anthracene	21.73	228	284922	8.915	ng/ul	99
85) Chrysene	21.80	228	255585	8.244	ng/ul	97
88) Benzo(b)fluoranthene	23.98	252	323360	9.547	ng/ul	96
89) Benzo(k)fluoranthene	23.98	252	323360	9.795	ng/ul	97
91) Benzo(a)pyrene	24.87	252	216988	7.014	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.74	276	142471	3.754	ng/ul	97
94) Benzo(g,h,i)perylene	29.91	276	118308	3.720	ng/ul#	96

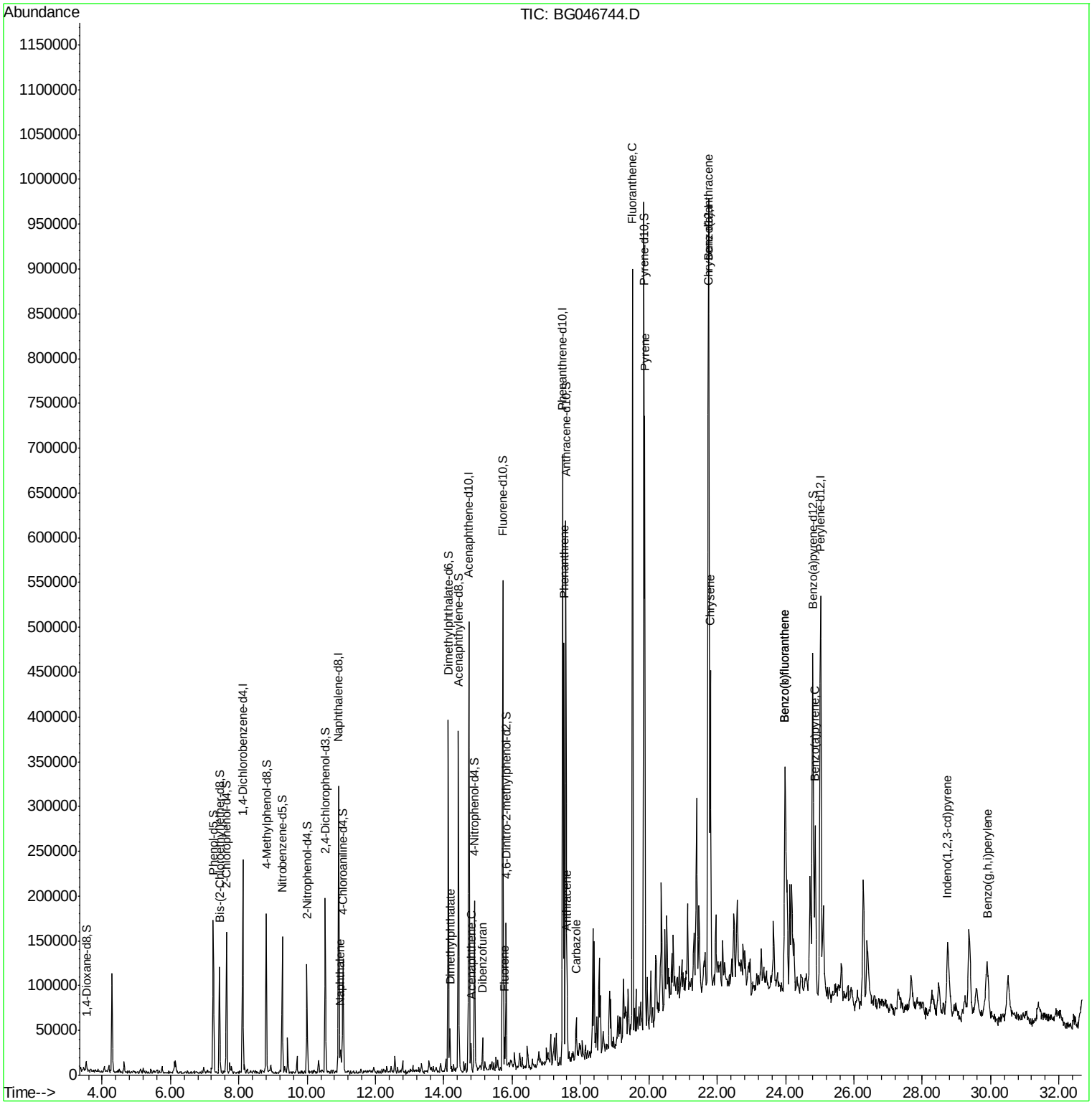
(#) = qualifier out of range (m) = manual integration (+) = signals summed

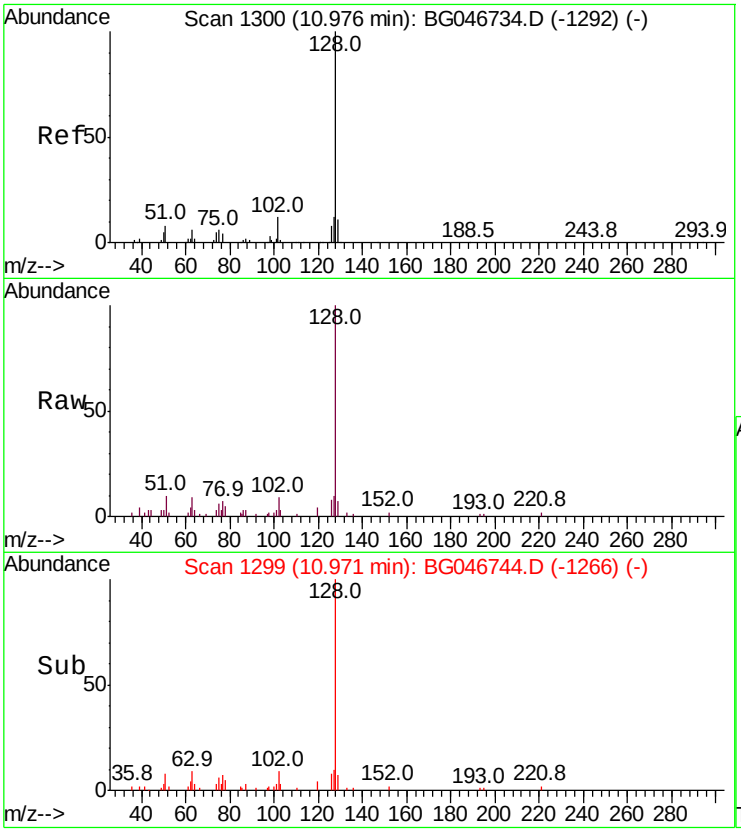
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
Data File : BG046744.D
Acq On : 2 Oct 2020 19:42
Operator : CG/JU
Sample : L4151-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7K9

Quant Time: Oct 03 00:38:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:01 2020
Response via : Initial Calibration



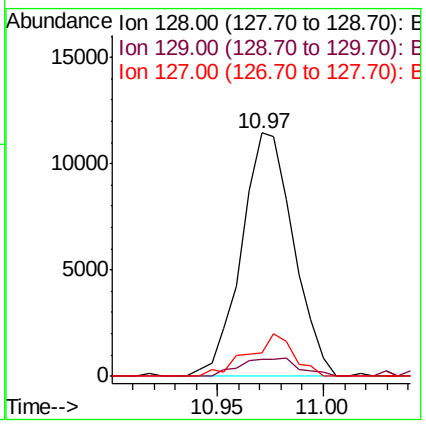


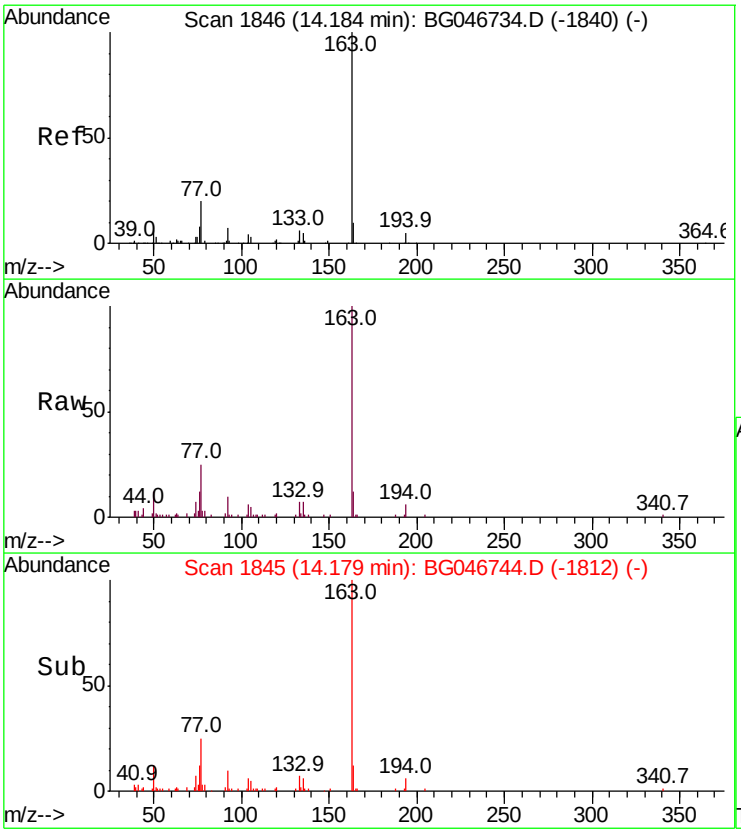
#28
Naphthalene
Concen: 1.377 ng/ul
RT: 10.97 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Instrument :
BNA_G
ClientSampleId :
CB7K9

Tgt Ion:128 Resp: 19534

Ion	Ratio	Lower	Upper
128	100		
129	7.0	8.6	12.8#
127	9.9	11.6	17.4#

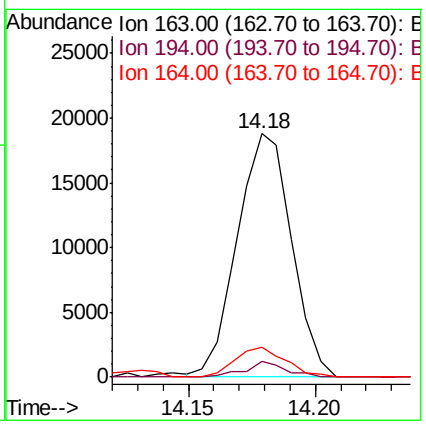


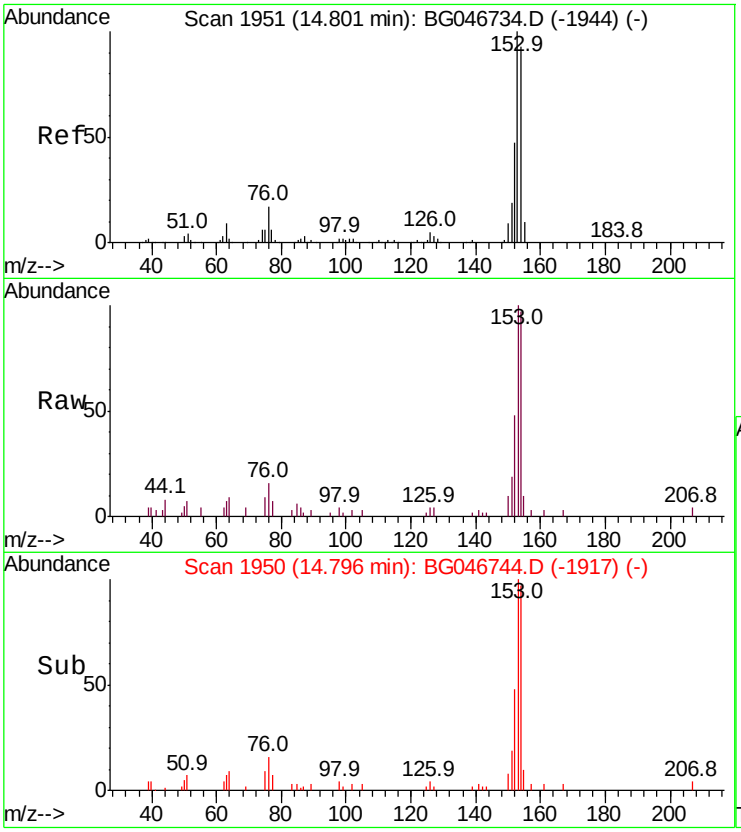


#45
Dimethylphthalate
Concen: 2.064 ng/ul
RT: 14.18 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Tgt Ion:163 Resp: 28072

Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.6	5.4#
164	12.2	7.4	11.0#



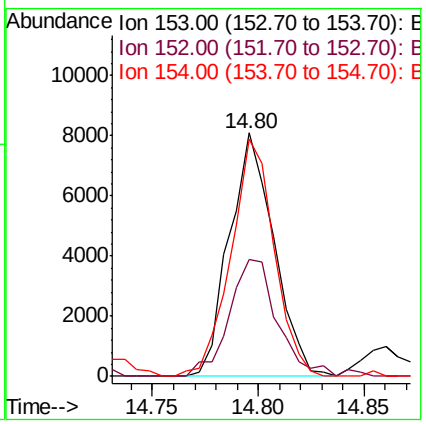


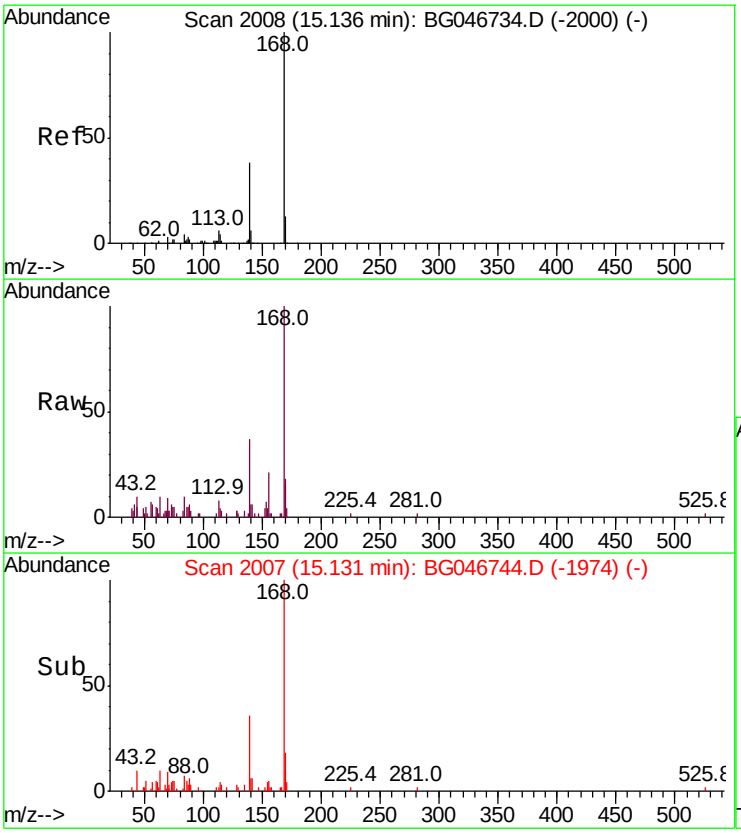
#50
Acenaphthene
Concen: 1.058 ng/ul
RT: 14.80 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Instrument :
BNA_G
ClientSampleId :
CB7K9

Tgt Ion:153 Resp: 11840

Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.2	55.8
154	97.4	72.9	109.3

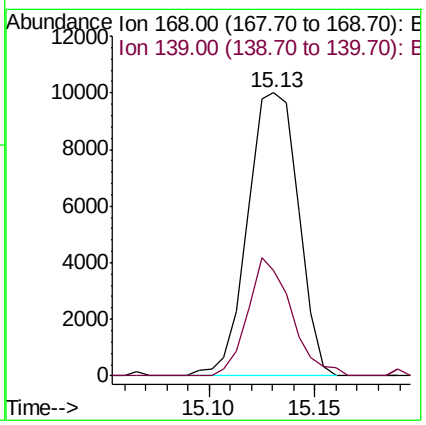


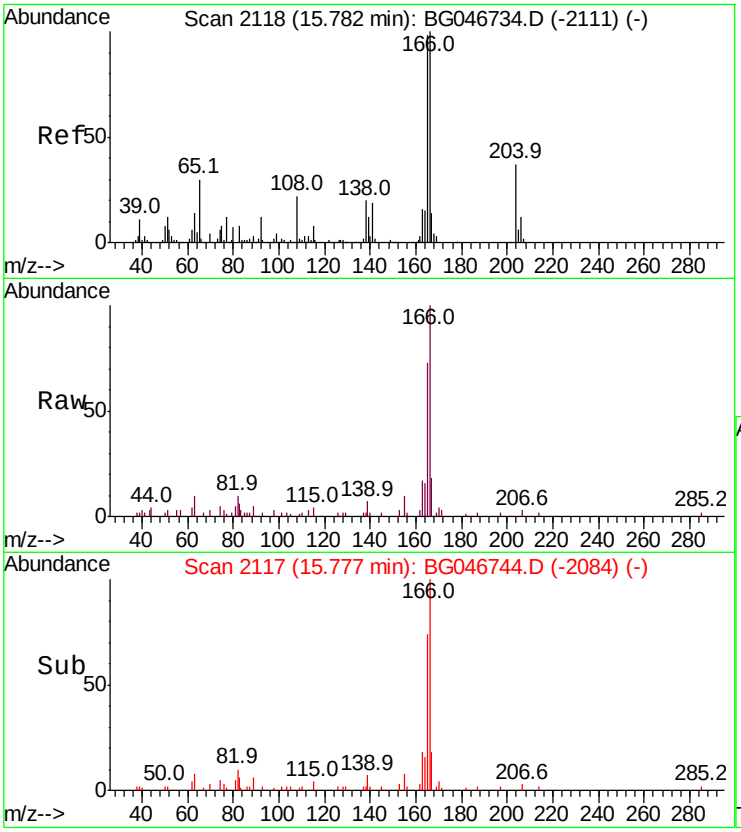


#54
Dibenzofuran
Concen: 1.013 ng/ul
RT: 15.13 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Tgt Ion:168 Resp: 16651

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.3	45.5



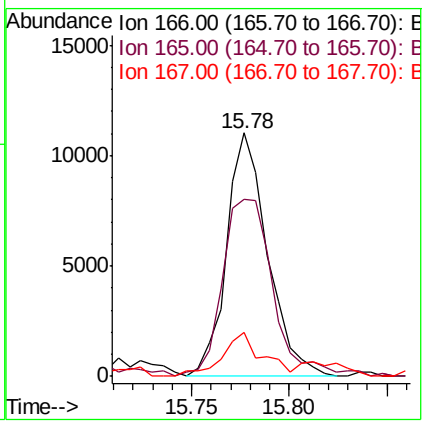


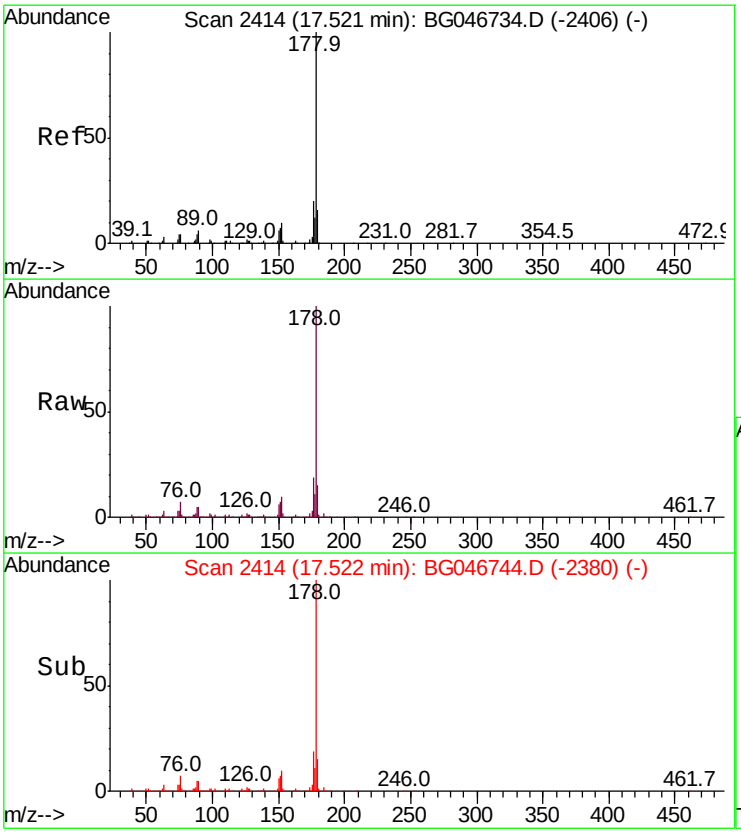
#59
Fluorene
Concen: 1.203 ng/ul
RT: 15.78 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Instrument :
BNA_G
ClientSampleId :
CB7K9

Tgt Ion:166 Resp: 16058

Ion	Ratio	Lower	Upper
166	100		
165	72.6	74.2	111.2#
167	18.0	9.8	14.8#

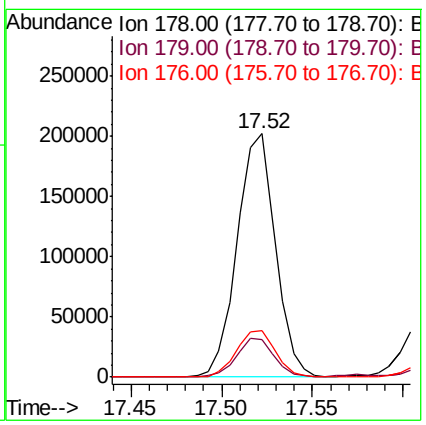


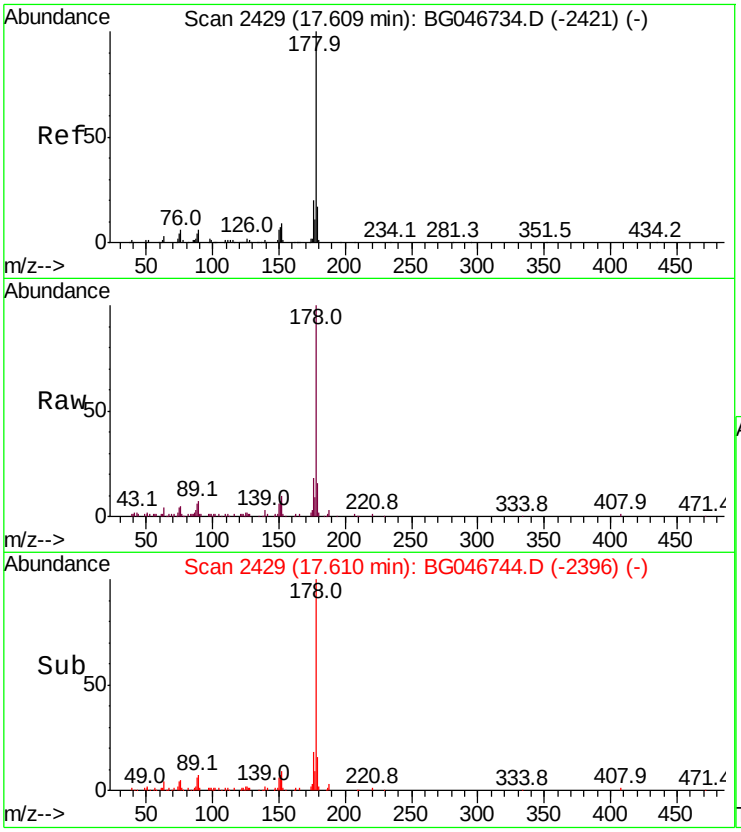


#70
Phenanthrene
Concen: 12.684 ng/ul
RT: 17.52 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Tgt Ion:178 Resp: 296755

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.1	15.4	23.2



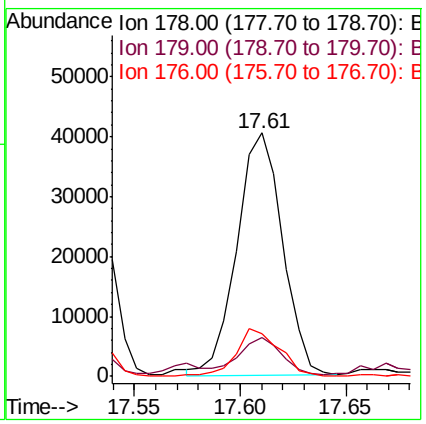


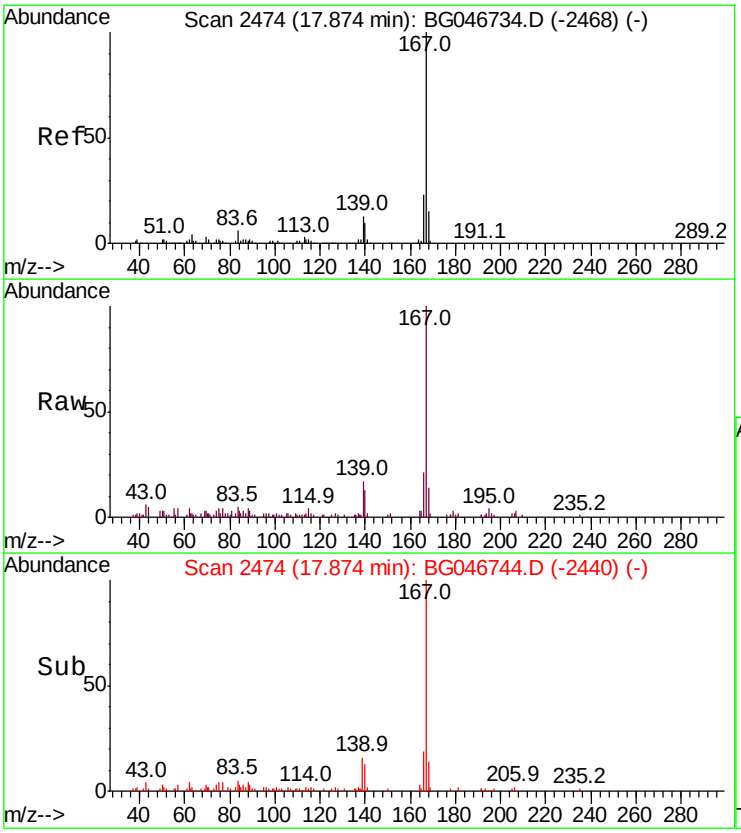
#72
Anthracene
Concen: 2.556 ng/ul
RT: 17.61 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Instrument :
BNA_G
ClientSampleId :
CB7K9

Tgt Ion:178 Resp: 60583

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	17.8	15.2	22.8

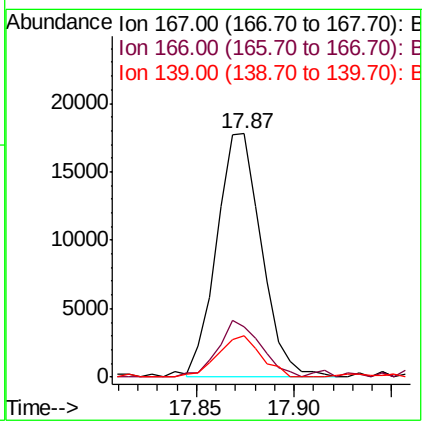


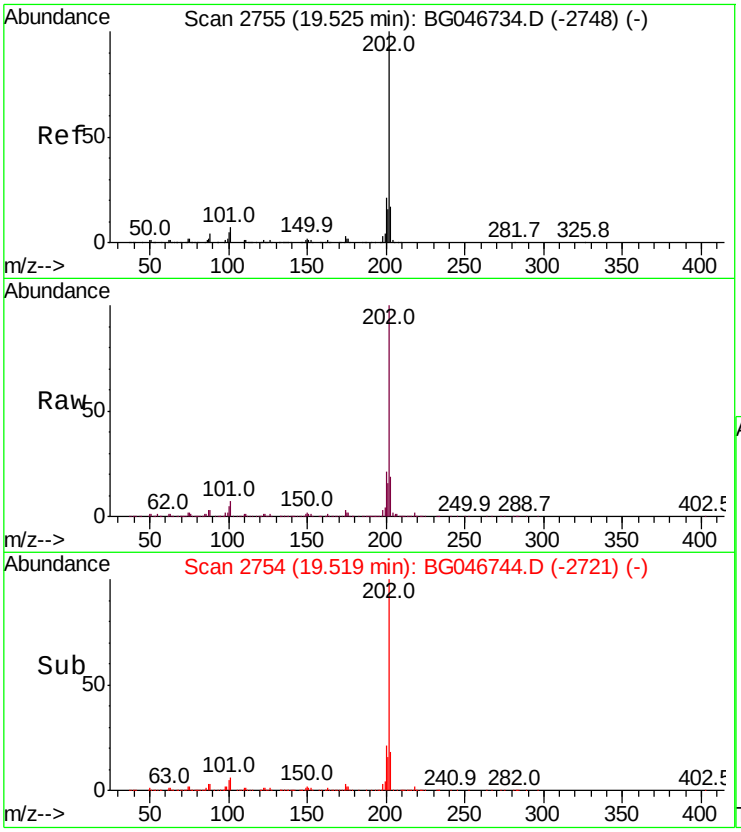


#75
Carbazole
Concen: 1.495 ng/ul
RT: 17.87 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Tgt Ion:167 Resp: 28247

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.5	26.3
139	16.9	9.8	14.6#



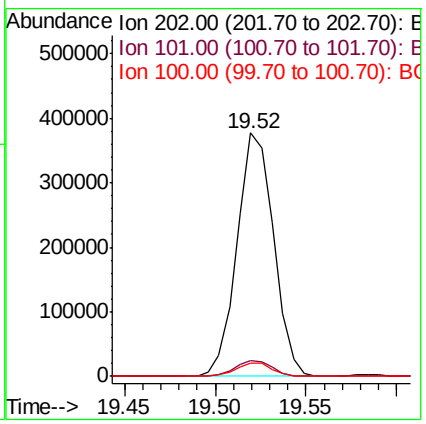


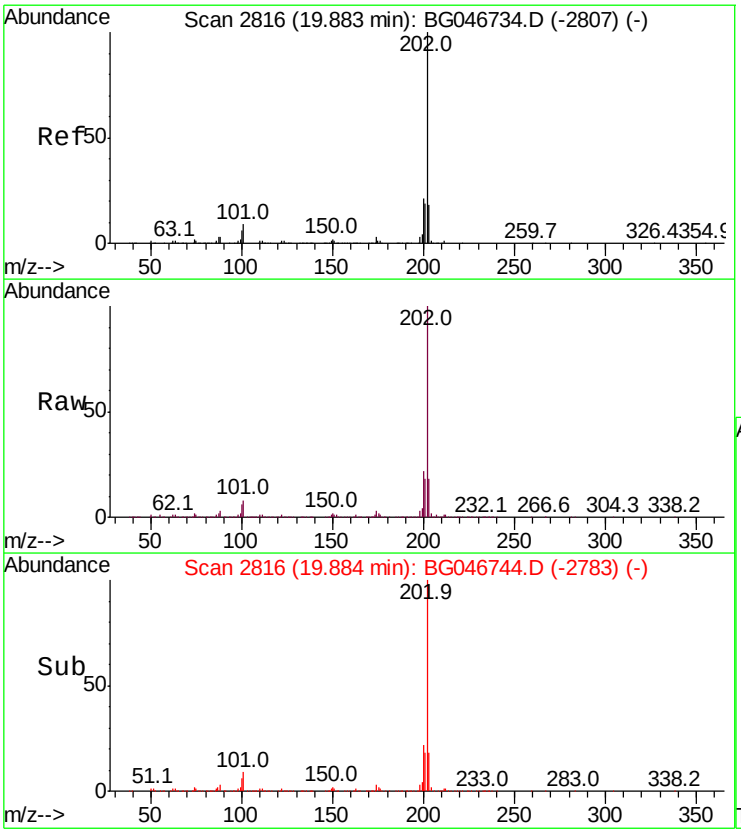
#77
Fluoranthene
Concen: 19.032 ng/ul
RT: 19.52 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Instrument :
BNA_G
ClientSampleId :
CB7K9

Tgt Ion:202 Resp: 528746

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.8	8.6
100	5.4	4.5	6.7

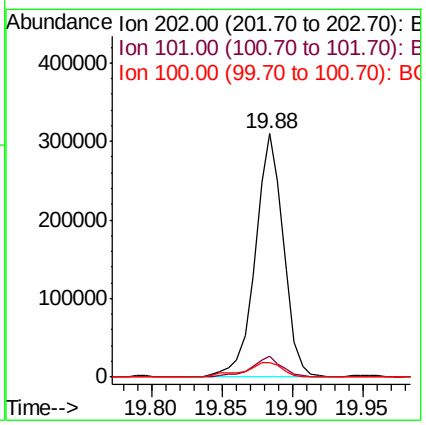


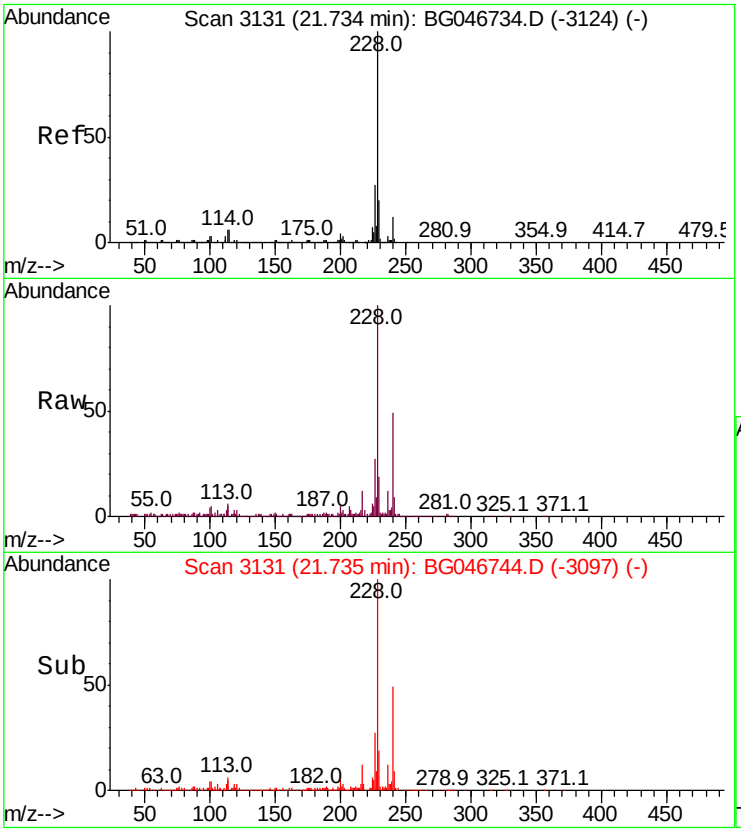


#80
Pyrene
Concen: 13.851 ng/ul
RT: 19.88 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Tgt Ion:202 Resp: 434846

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.4
100	6.2	6.0	9.0



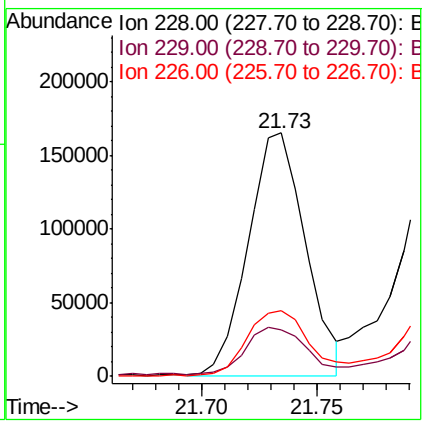


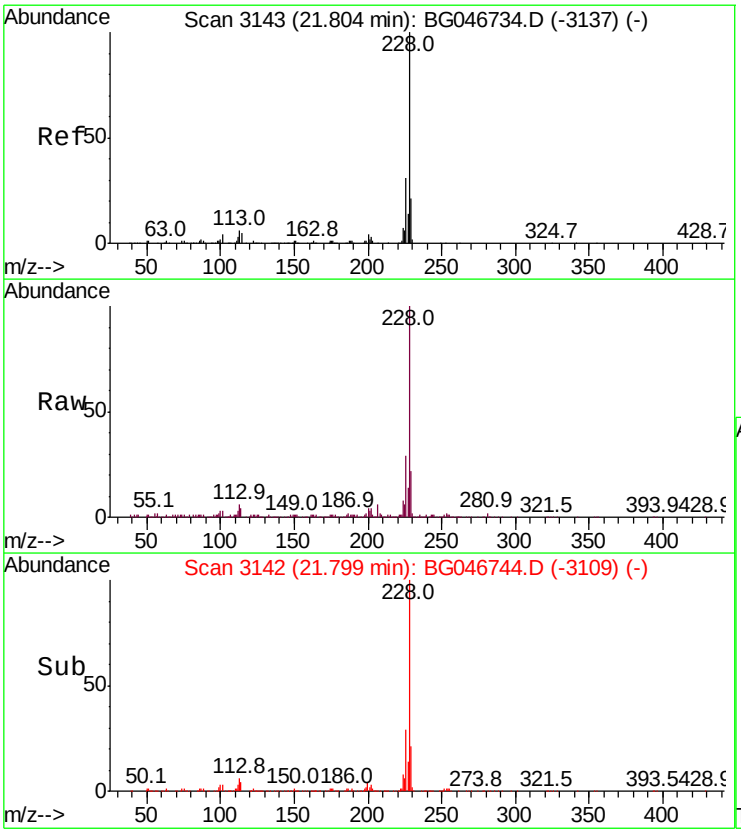
#83
Benzo(a)anthracene
Concen: 8.915 ng/ul
RT: 21.73 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Instrument :
BNA_G
ClientSampleId :
CB7K9

Tgt Ion:228 Resp: 284922

Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.5	24.7
226	26.8	21.6	32.4

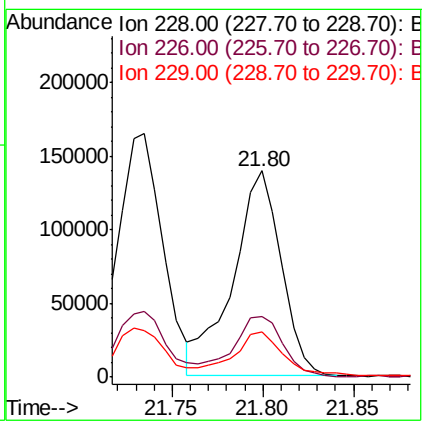


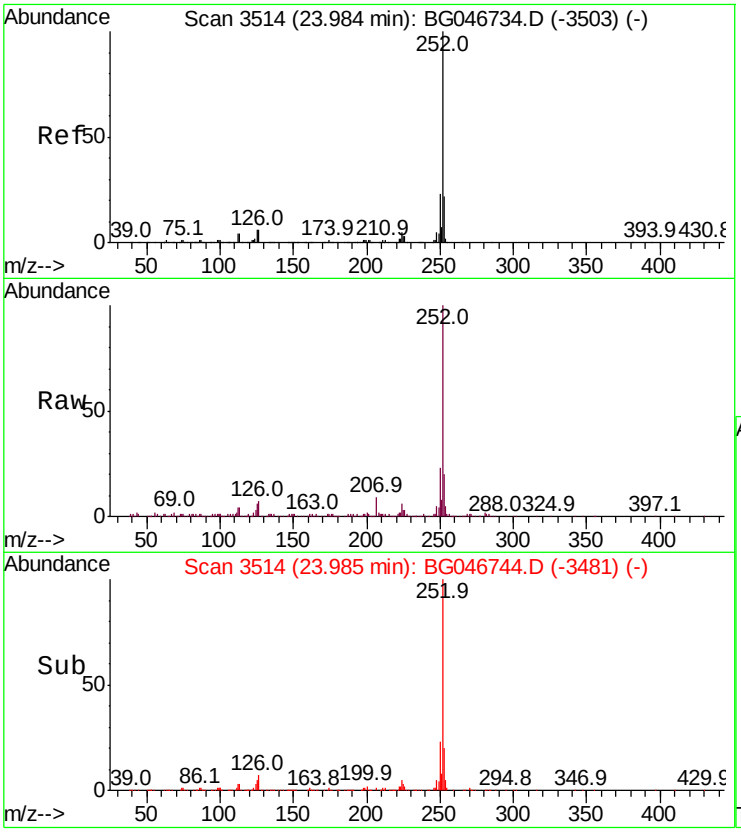


#85
Chrysene
Concen: 8.244 ng/ul
RT: 21.80 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Tgt Ion:228 Resp: 255585

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.3	36.5
229	21.8	15.8	23.8



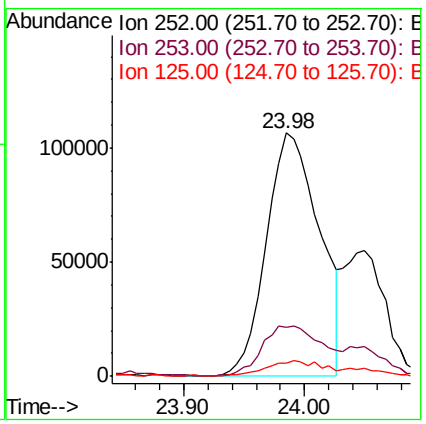


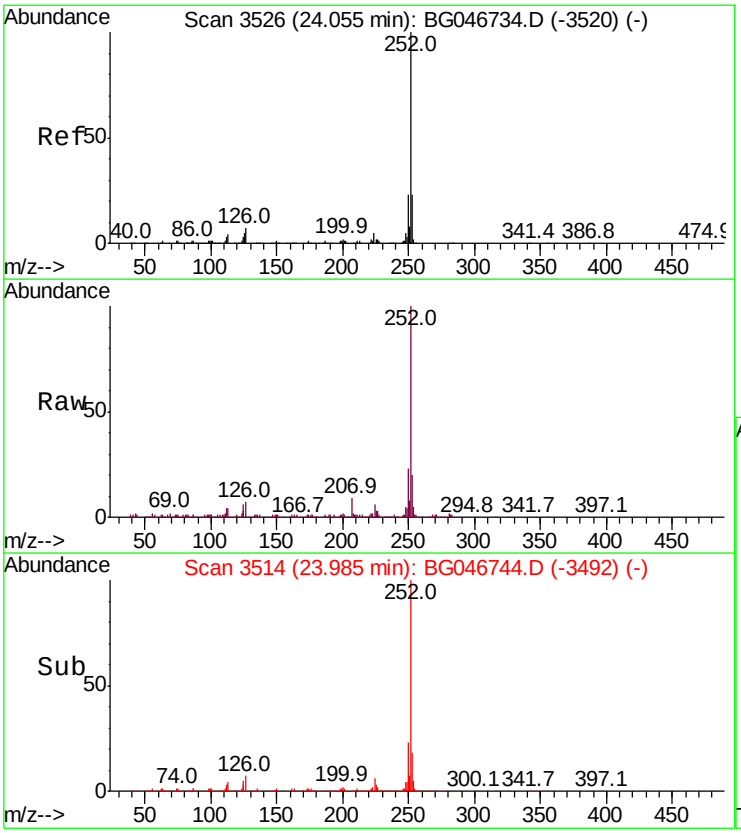
#88
Benzo(b)fluoranthene
Concen: 9.547 ng/ul
RT: 23.98 min Scan# 3514
Delta R.T. -0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Instrument :
BNA_G
ClientSampleId :
CB7K9

Tgt Ion:252 Resp: 323360

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.9	26.9
125	5.7	5.0	7.4

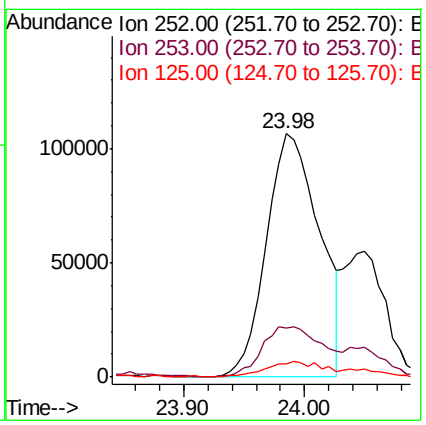


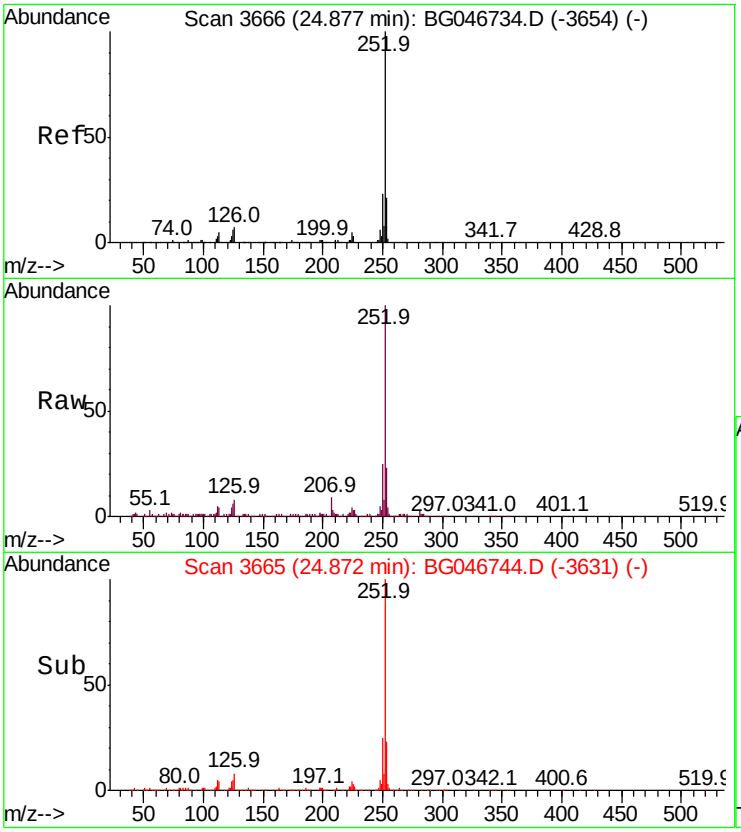


#89
Benzo(k)fluoranthene
Concen: 9.795 ng/ul
RT: 23.98 min Scan# 3514
Delta R.T. -0.07 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Tgt Ion:252 Resp: 323360

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.7	26.5
125	5.7	4.8	7.2



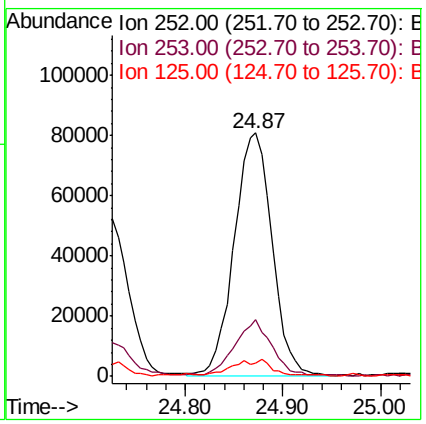


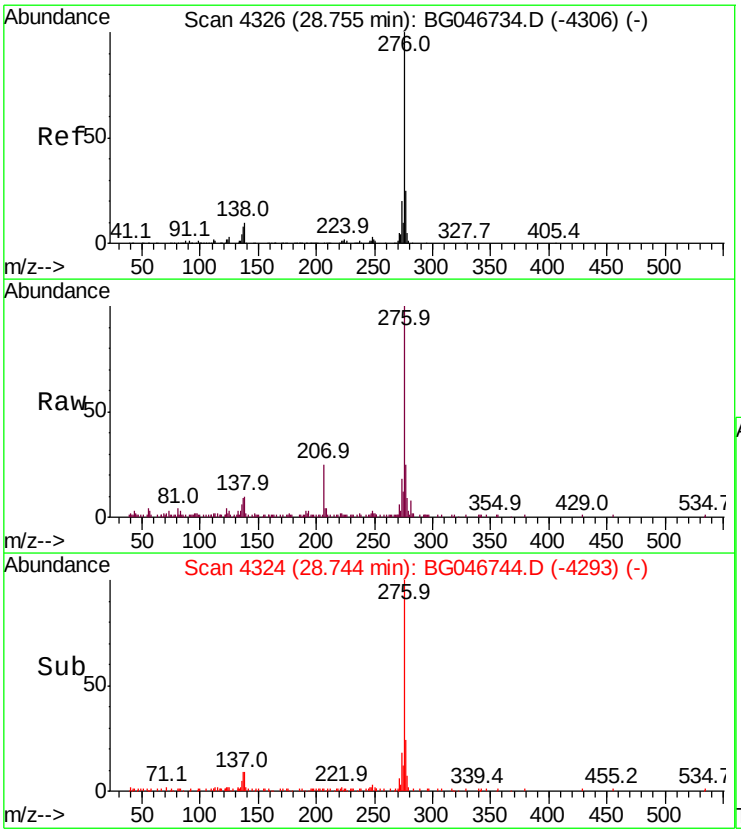
#91
Benzo(a)pyrene
Concen: 7.014 ng/ul
RT: 24.87 min Scan# 3665
Delta R.T. 0.00 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Instrument :
BNA_G
ClientSampleId :
CB7K9

Tgt Ion:252 Resp: 216988

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	5.6	5.4	8.2

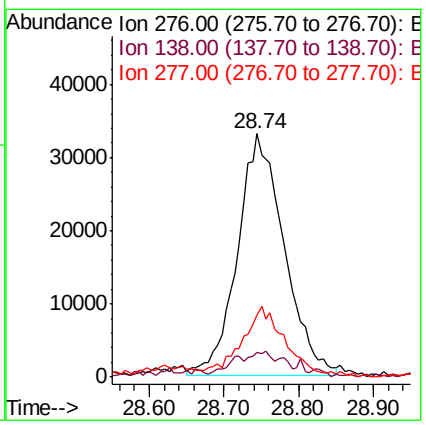


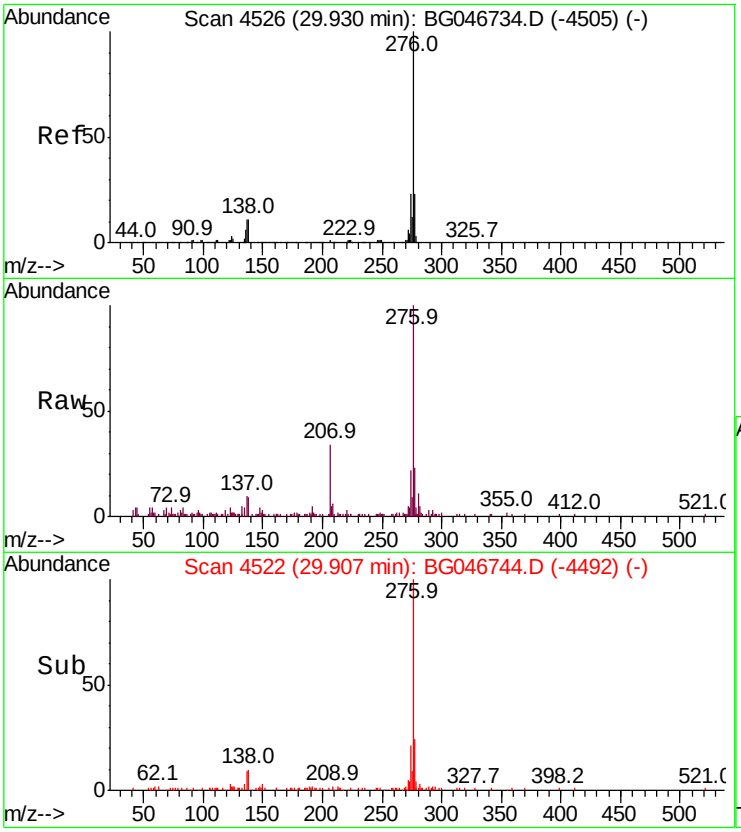


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.754 ng/ul
RT: 28.74 min Scan# 4324
Delta R.T. -0.02 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Tgt Ion:276 Resp: 142471

Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.7	14.5
277	25.3	18.2	27.4





#94
Benzo(g,h,i)perylene
Concen: 3.720 ng/ul
RT: 29.91 min Scan# 4522
Delta R.T. -0.02 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Instrument :
BNA_G
ClientSampleId :
CB7K9

Tgt Ion:276 Resp: 118308

Ion	Ratio	Lower	Upper
276	100		
138	9.4	10.2	15.4#
277	23.4	19.0	28.6