Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110817\
Data File : BG030869.D
Acq On : 9 Nov 2017 5:44
Operator : SJ/JU
Sample : I6245-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0F16

Quant Time: Nov 09 07:42:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 07:08:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	52265	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	252908	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	166450	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	395615	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	426966	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	436888	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	5824	4.53	ng/uL	0.00
5) Phenol-d5	7.31	99	129097	25.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	74677	23.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	106654	30.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	102760	25.36	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	56363	31.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	67606	36.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	118109	27.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	76036	15.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	399898	28.10	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	500718	28.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	54468	20.73	ng/ul	0.00
57) Fluorene-d10	15.76	176	373734	32.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	45747	23.69	ng/ul	0.00
70) Anthracene-d10	17.61	188	567026	30.31	ng/ul	0.00
76) Pyrene-d10	19.88	212	659652	29.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	666670	32.22	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	25096	4.83	ng/ul	95
44) Dimethylphthalate	14.21	163	211847	15.26	ng/ul	99
69) Phenanthrene	17.55	178	23494	1.10	ng/ul#	94
71) Anthracene	17.55	178	23494	1.06	ng/ul	95
74) Fluoranthene	19.55	202	124017	5.19	ng/ul	98
77) Pyrene	19.91	202	156231	5.46	ng/ul	99
80) Benzo(a)anthracene	21.76	228	98705	3.69	ng/ul	97
82) Chrysene	21.83	228	117785	4.84	ng/ul	99
85) Benzo(b)fluoranthene	24.04	252	115078	4.39	ng/ul#	95
86) Benzo(k)fluoranthene	24.04	252	115078	4.54	ng/ul#	95
88) Benzo(a)pyrene	24.94	252	80682	3.16	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	28.87	276	62847	2.18	ng/ul	95
91) Benzo(g,h,i)perylene	30.05	276	55612	2.32	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110817\
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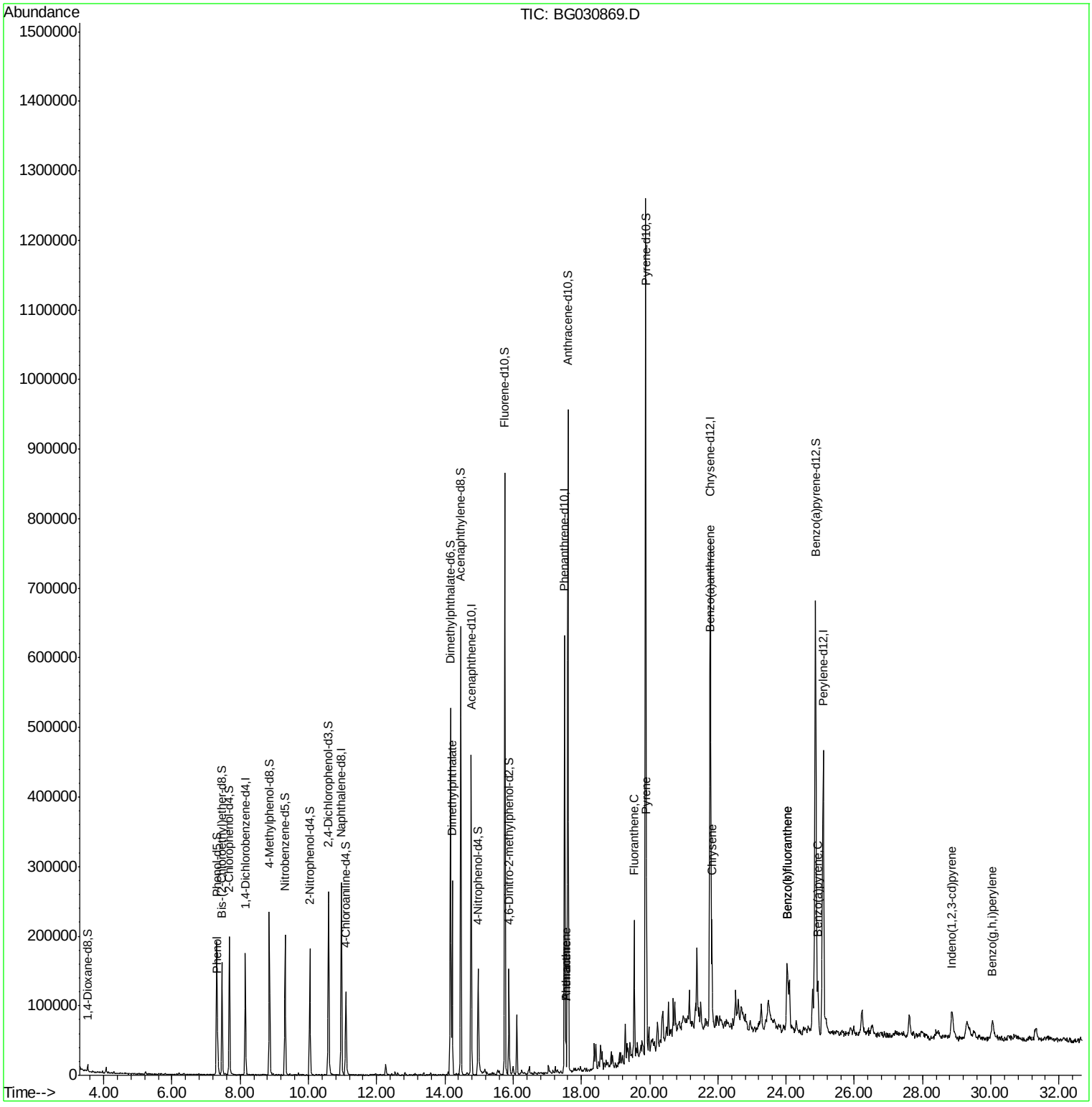
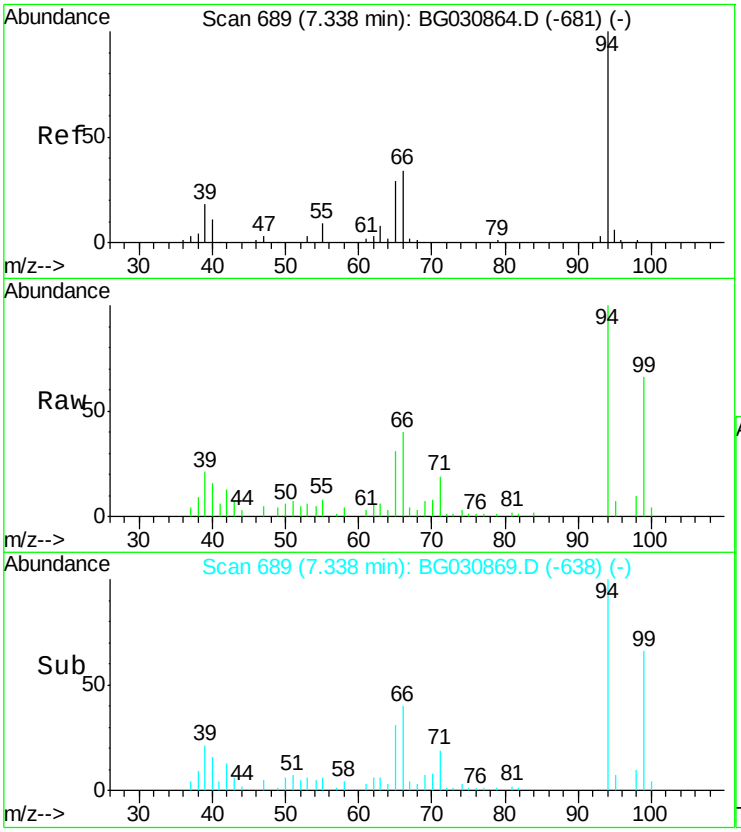
Acq On : 9 Nov 2017 5:44
Operator : SJ/JU
Sample : I6245-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0F16

Quant Time: Nov 09 07:42:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 07:08:58 2017
Response via : Initial Calibration



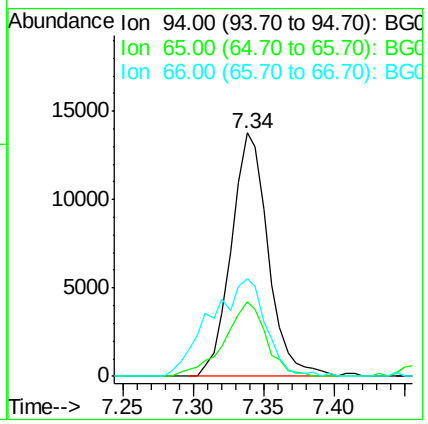


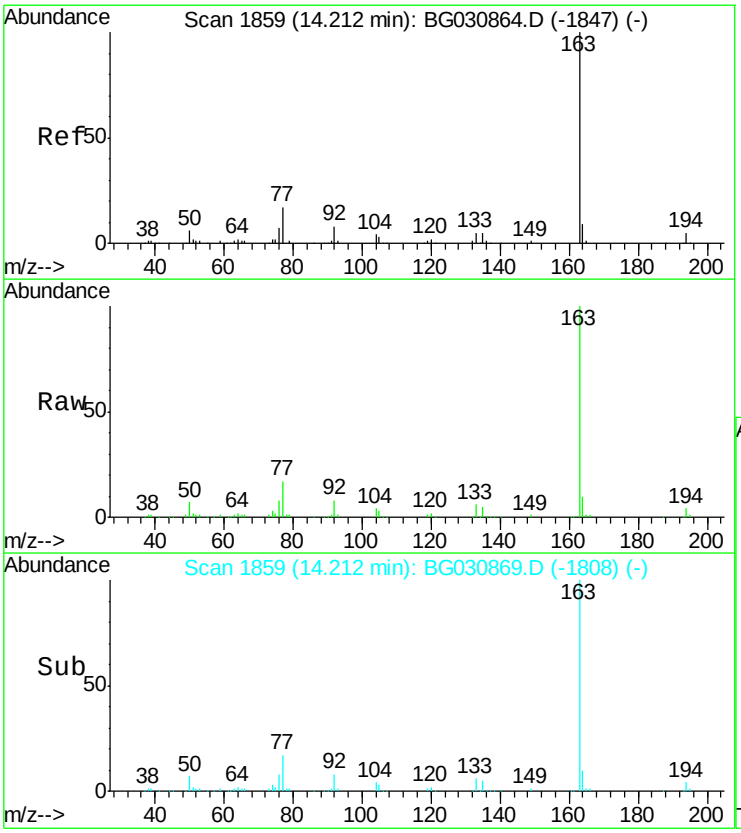
#6
Phenol
Concen: 4.83 ng/ul
RT: 7.34 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Instrument :
BNA_G
ClientSampleId :
B0F16

Tgt Ion: 94 Resp: 25096

Ion	Ratio	Lower	Upper
94	100		
65	30.5	27.1	40.7
66	40.1	34.6	52.0

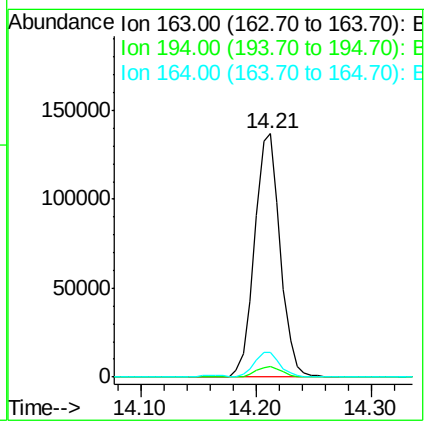


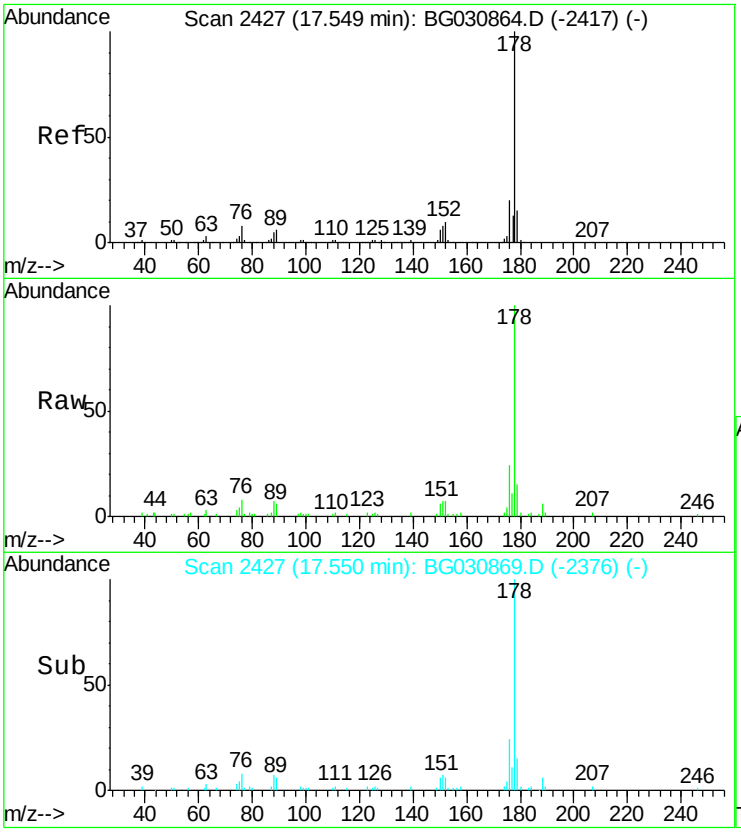


#44
Dimethylphthalate
Concen: 15.26 ng/ul
RT: 14.21 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Tgt Ion:163 Resp: 211847

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.1	7.6	11.4



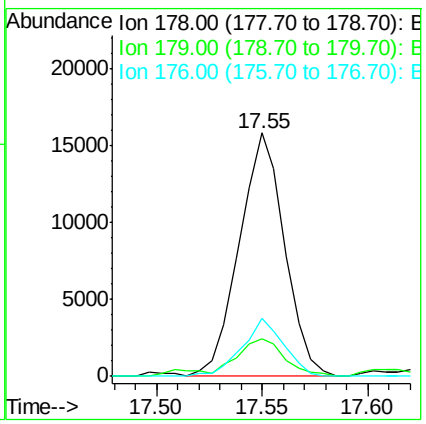


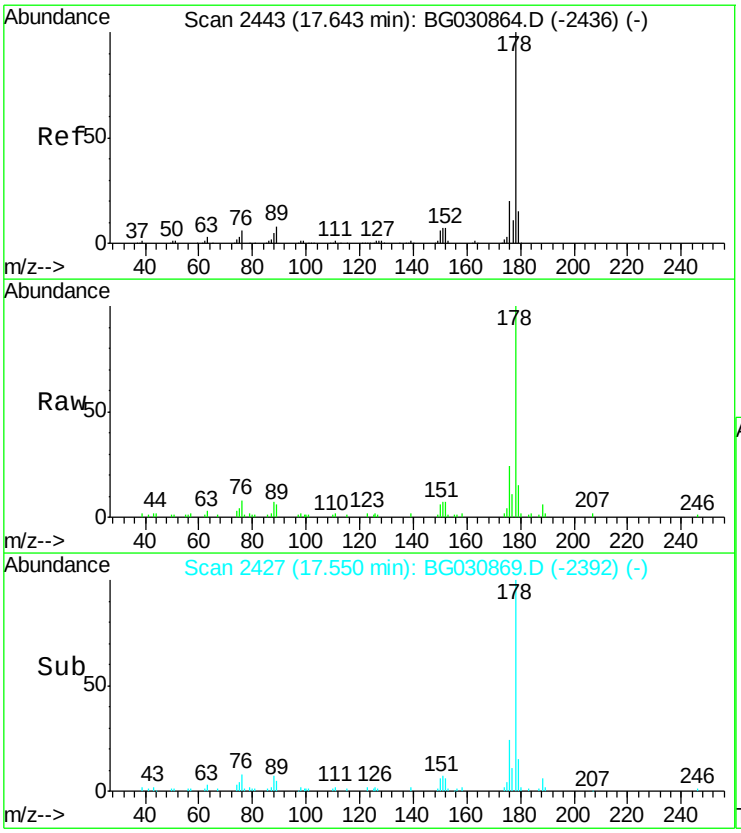
#69
Phenanthrene
Concen: 1.10 ng/ul
RT: 17.55 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Instrument :
BNA_G
ClientSampleId :
B0F16

Tgt Ion:178 Resp: 23494

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.6
176	23.6	15.3	22.9#

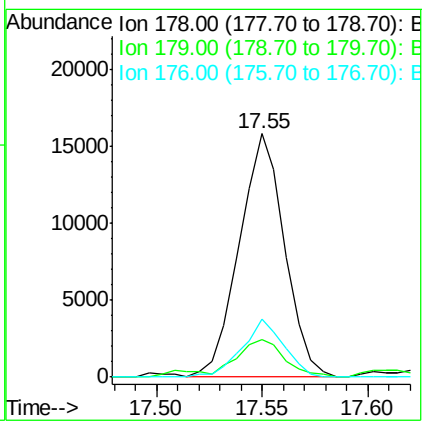


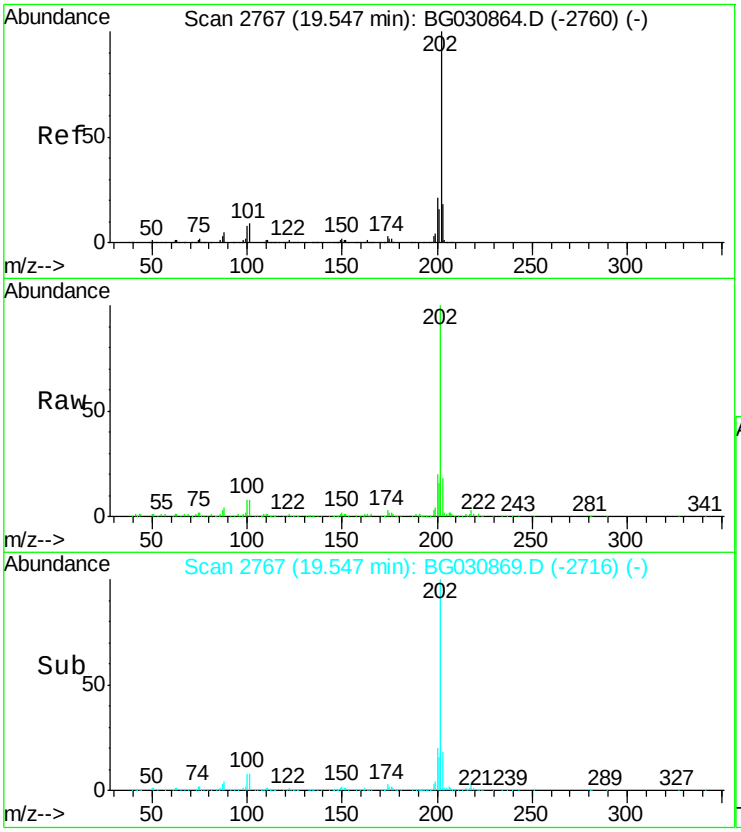


#71
Anthracene
Concen: 1.06 ng/ul
RT: 17.55 min Scan# 2427
Delta R.T. -0.09 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Tgt Ion:178 Resp: 23494

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.2	19.8
176	23.6	16.0	24.0



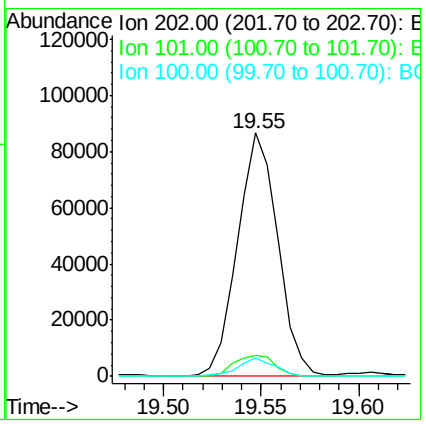


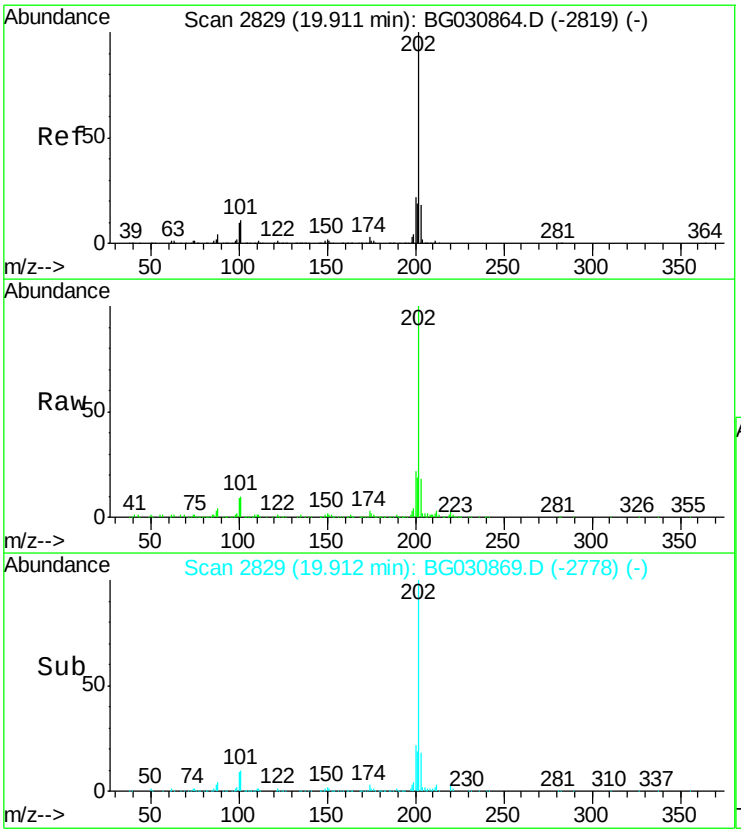
#74
Fluoranthene
Concen: 5.19 ng/ul
RT: 19.55 min Scan# 2767
Delta R.T. 0.00 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Instrument :
BNA_G
ClientSampleId :
B0F16

Tgt Ion:202 Resp: 124017

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.4	11.2
100	7.7	5.6	8.4

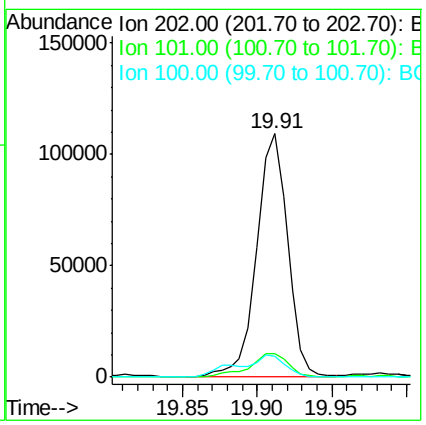


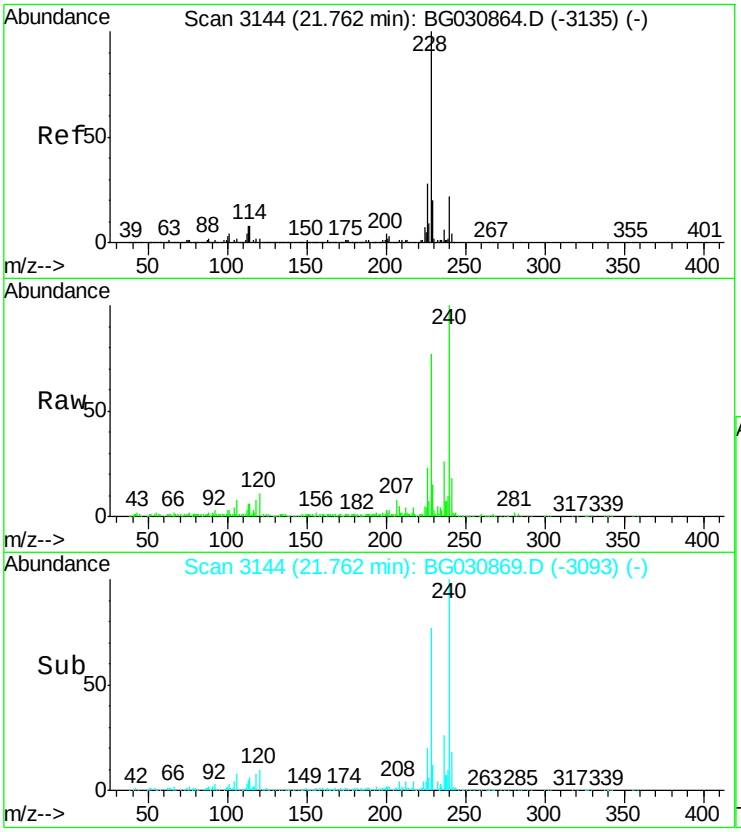


#77
Pyrene
Concen: 5.46 ng/ul
RT: 19.91 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Tgt Ion:202 Resp: 156231

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.4	12.6
100	8.6	7.0	10.6



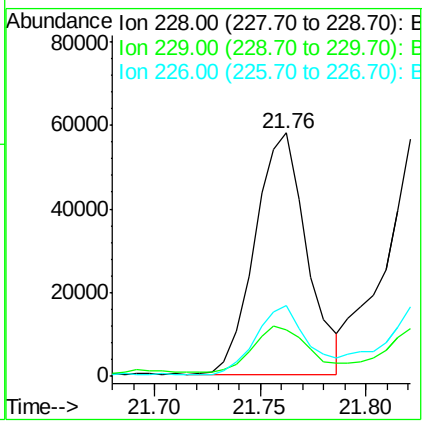


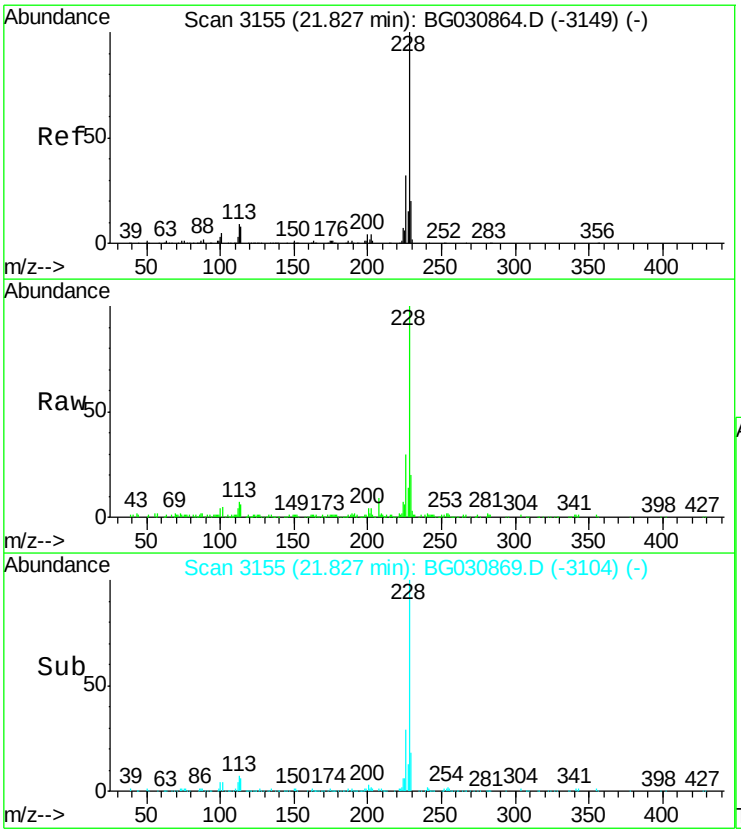
#80
Benzo(a)anthracene
Concen: 3.69 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Instrument :
BNA_G
ClientSampleId :
B0F16

Tgt Ion:228 Resp: 98705

Ion	Ratio	Lower	Upper
228	100		
229	19.2	16.2	24.4
226	29.3	22.2	33.2

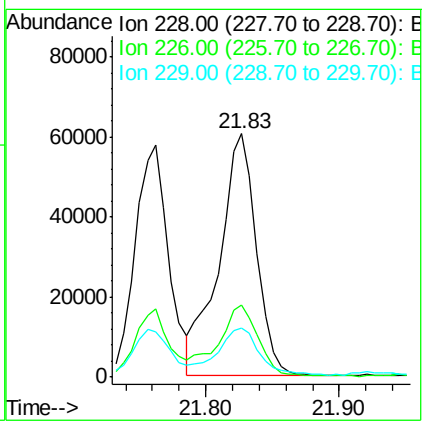


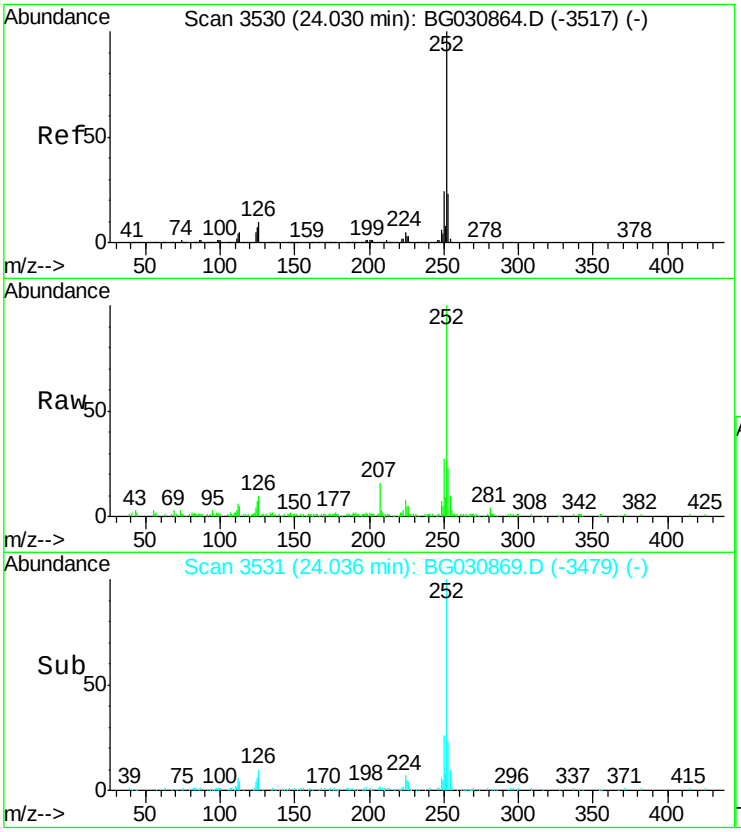


#82
Chrysene
Concen: 4.84 ng/ul
RT: 21.83 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Tgt Ion:228 Resp: 117785

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	20.0	15.2	22.8



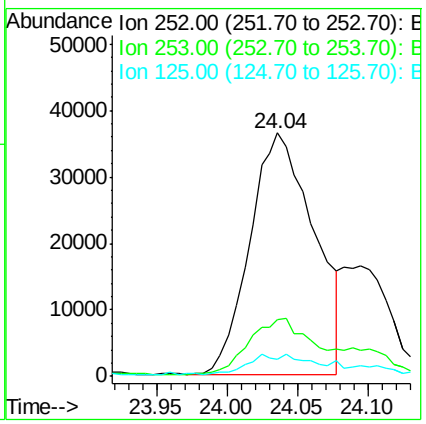


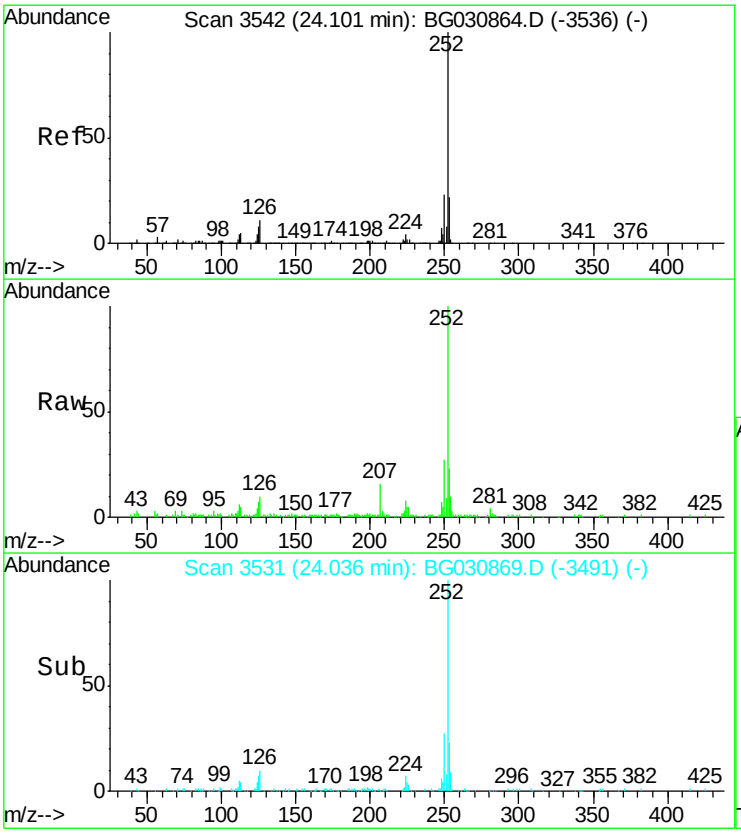
#85
Benzo(b)fluoranthene
Concen: 4.39 ng/ul
RT: 24.04 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Instrument :
BNA_G
ClientSampleId :
B0F16

Tgt Ion:252 Resp: 115078

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	7.1	7.5	11.3#

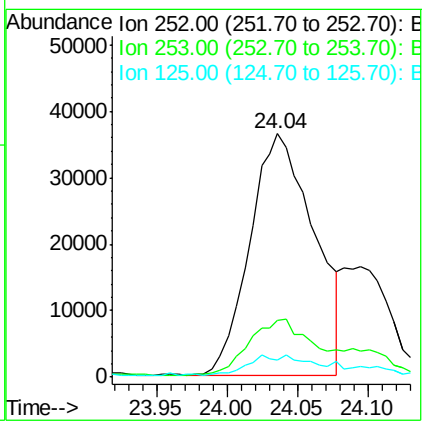


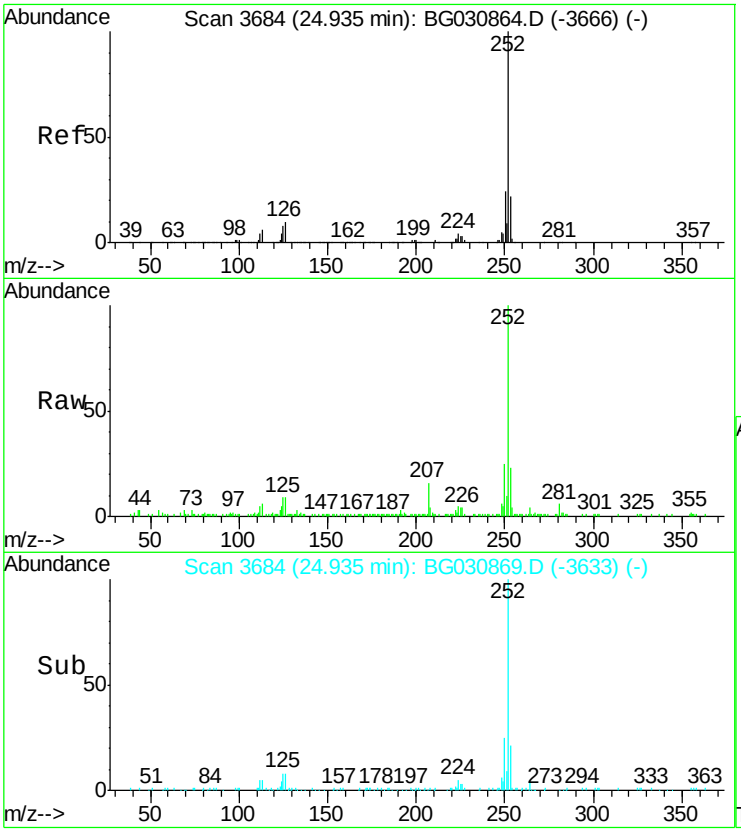


#86
Benzo(k)fluoranthene
Concen: 4.54 ng/ul
RT: 24.04 min Scan# 3531
Delta R.T. -0.06 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Tgt Ion:252 Resp: 115078

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	7.1	7.8	11.8#



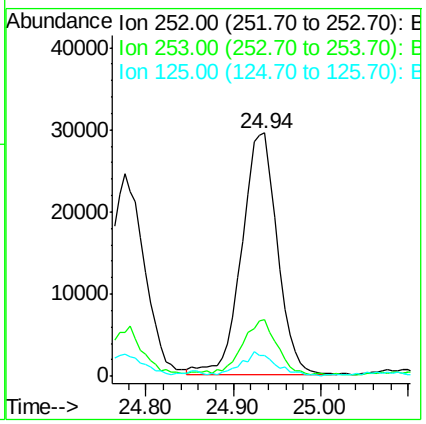


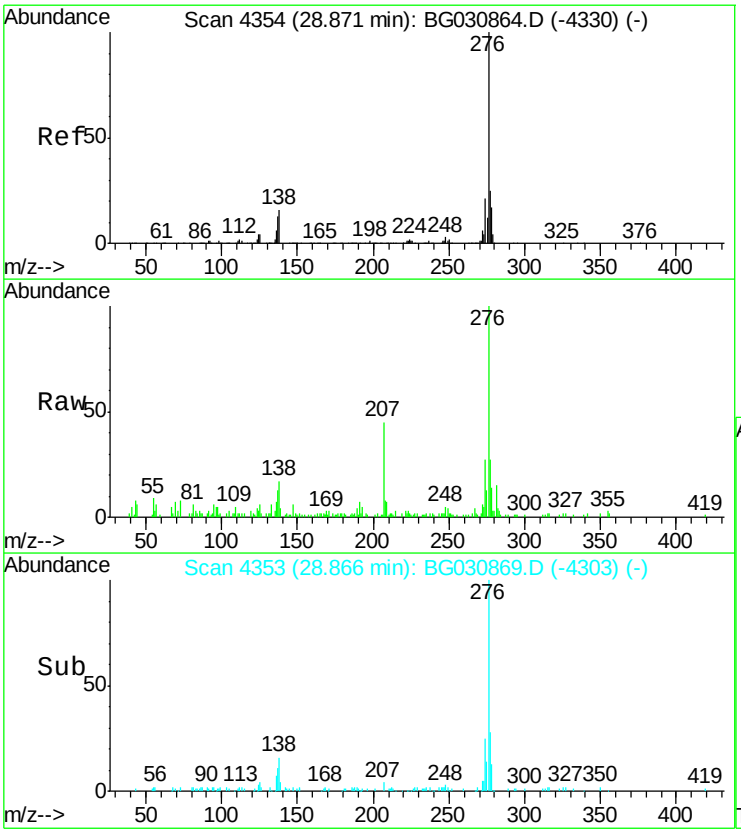
#88
Benzo(a)pyrene
Concen: 3.16 ng/ul
RT: 24.94 min Scan# 3684
Delta R.T. 0.00 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Instrument :
BNA_G
ClientSampleId :
B0F16

Tgt Ion:252 Resp: 80682

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	8.7	7.8	11.8

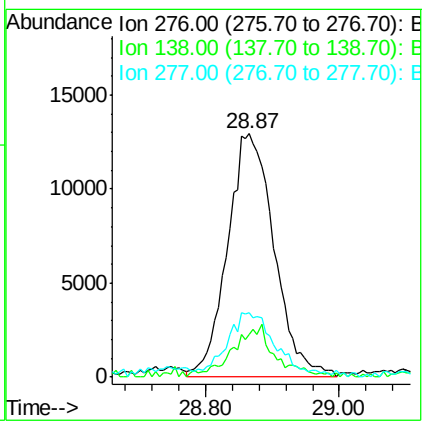


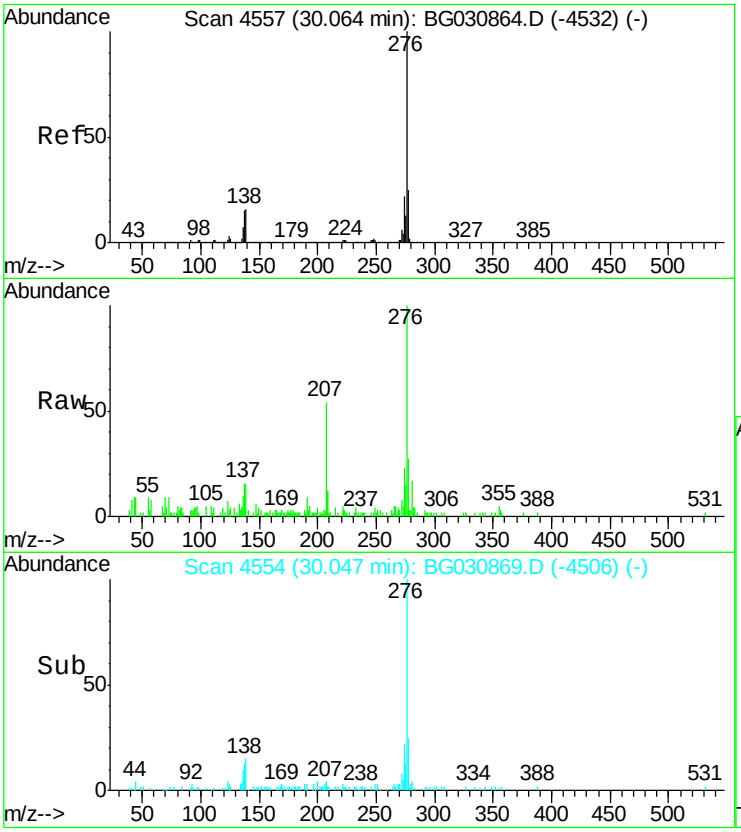


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.18 ng/ul
RT: 28.87 min Scan# 4353
Delta R.T. -0.01 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Tgt Ion:276 Resp: 62847

Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.4	20.0
277	26.6	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 2.32 ng/ul
RT: 30.05 min Scan# 4554
Delta R.T. -0.02 min
Lab File: BG030869.D
Acq: 9 Nov 2017 5:44

Instrument :
BNA_G
ClientSampleId :
B0F16

Tgt Ion:276 Resp: 55612

Ion	Ratio	Lower	Upper
276	100		
138	14.7	12.1	18.1
277	27.0	17.7	26.5#