Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019677.D
Acq On : 18 Nov 2015 2:07
Operator : UM/NP
Sample : G4427-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC796

Quant Time: Nov 18 03:05:45 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	17378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	82404	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	91328	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	268407	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	349886	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	334580	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	3035	7.46	ng/uL	0.00
5) Phenol-d5	7.30	99	73249	41.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	49688	42.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	46994	41.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	60552	41.08	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	25470	37.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	28106	36.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	57800	35.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	64302	41.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	227911	27.59	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	187793	20.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	35342	27.16	ng/ul	0.00
58) Fluorene-d10	15.77	176	133265	18.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	34473	19.88	ng/ul	0.00
71) Anthracene-d10	17.62	188	215509	16.54	ng/ul	0.00
79) Pyrene-d10	19.89	212	209510	13.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	180668	10.34	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.32	94	5408	2.81	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	2059	1.25	ng/ul#	1
45) Dimethylphthalate	14.22	163	208643	25.48	ng/ul	100
46) 2,6-Dinitrotoluene	14.23	165	2285	1.39	ng/ul#	51
77) Fluoranthene	19.56	202	61235	3.34	ng/ul#	95
80) Pyrene	19.92	202	51361	2.51	ng/ul	100
83) Benzo(a)anthracene	21.77	228	37444	1.77	ng/ul	94
85) Chrysene	21.84	228	32030	1.60	ng/ul	96
88) Benzo(b)fluoranthene	24.04	252	33344	1.62	ng/ul#	97
91) Benzo(a)pyrene	24.95	252	29159	1.47	ng/ul#	92

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

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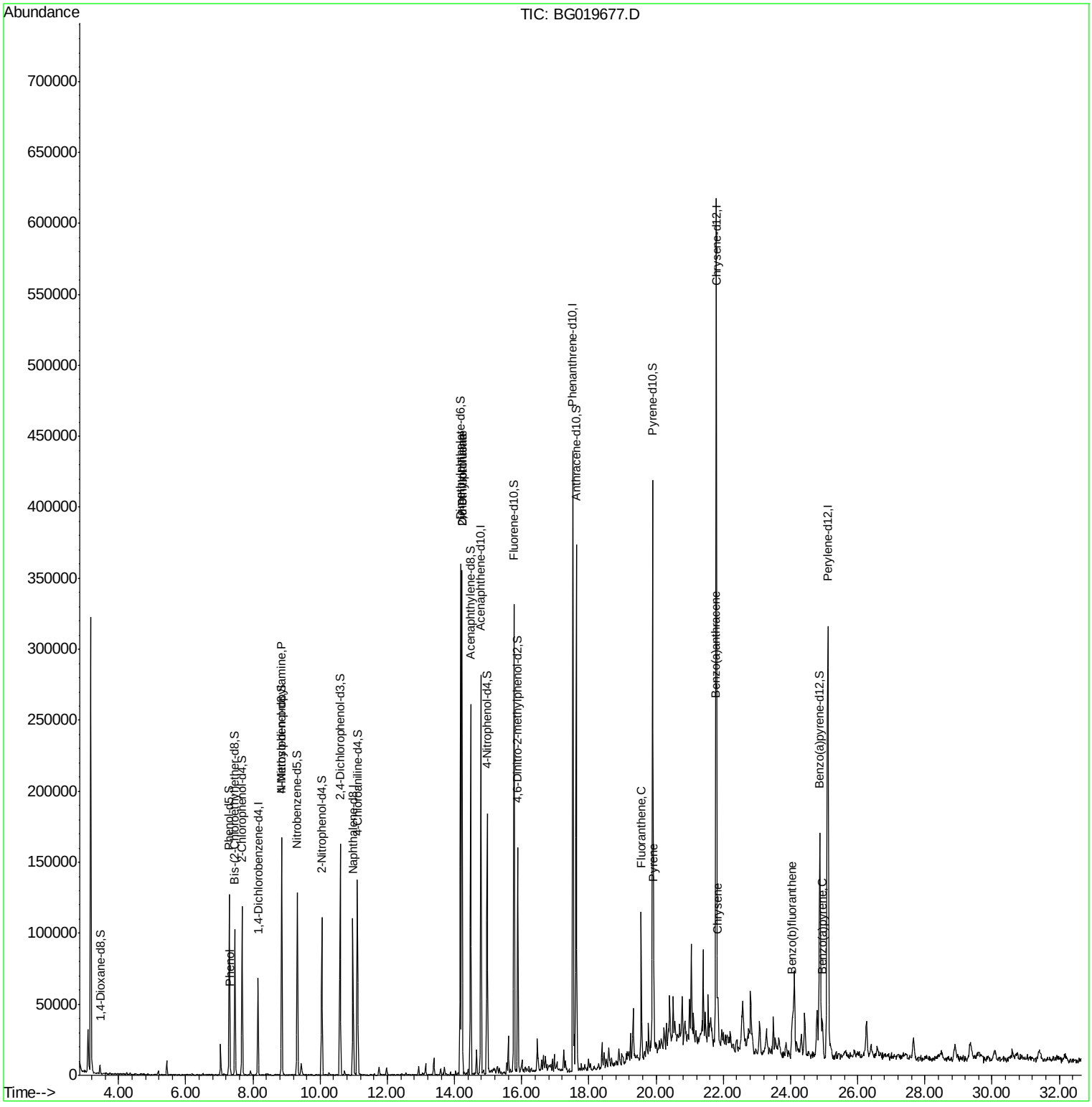
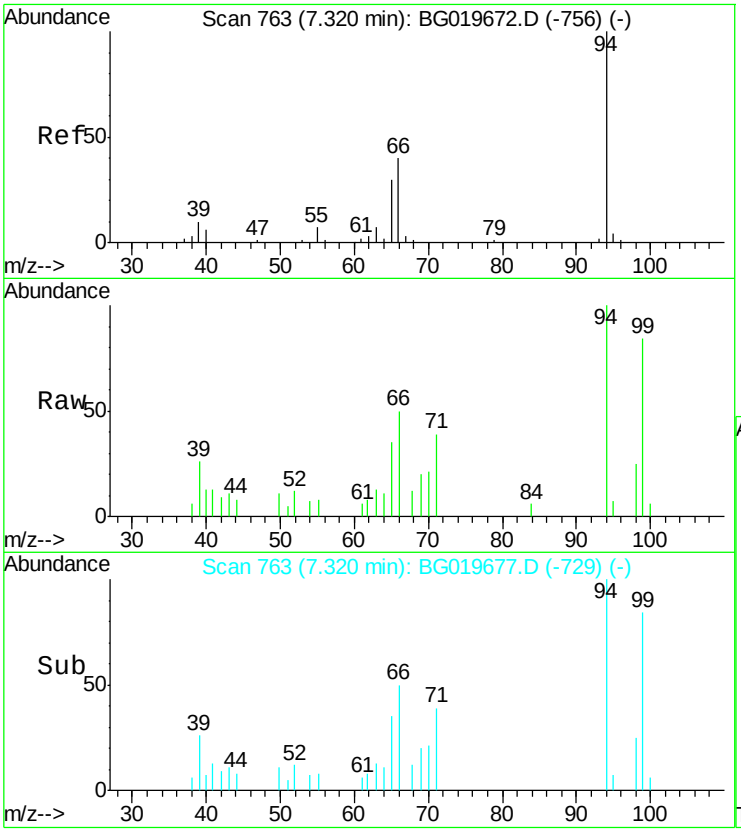


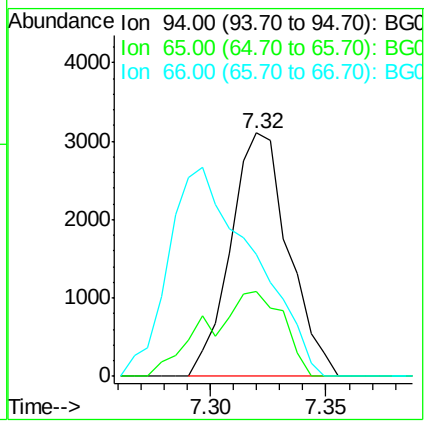


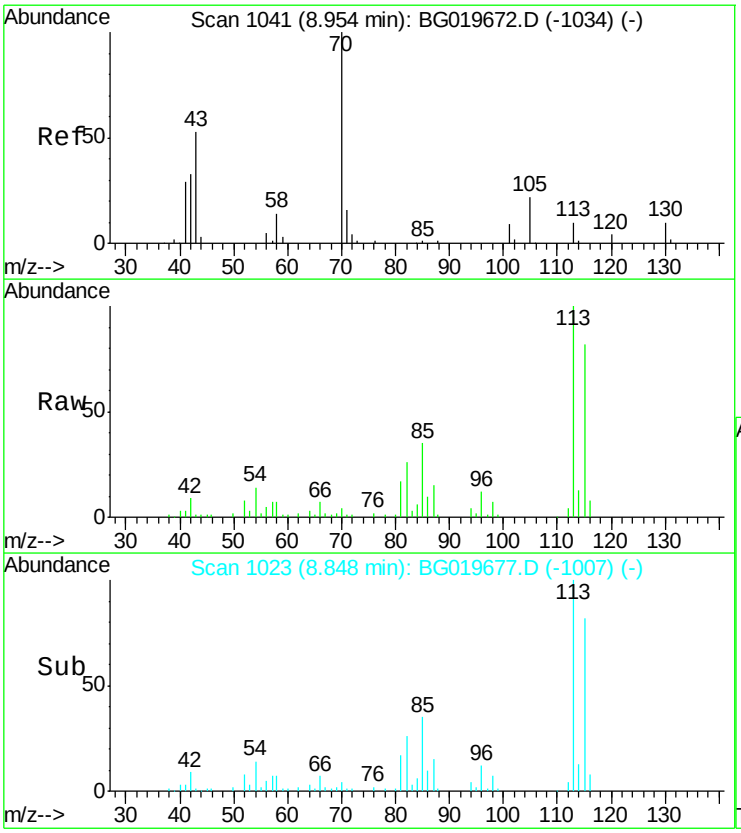
#6
Phenol
Concen: 2.81 ng/ul
RT: 7.32 min Scan# 763
Delta R.T. -0.00 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Instrument :
BNA_G
ClientSampleId :
BC796

Tgt Ion: 94 Resp: 5408

Ion	Ratio	Lower	Upper
94	100		
65	34.7	27.4	41.0
66	50.3	39.0	58.6

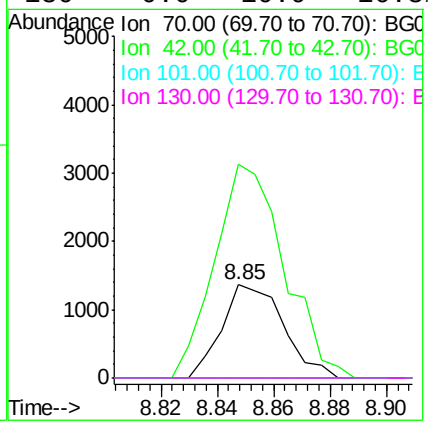


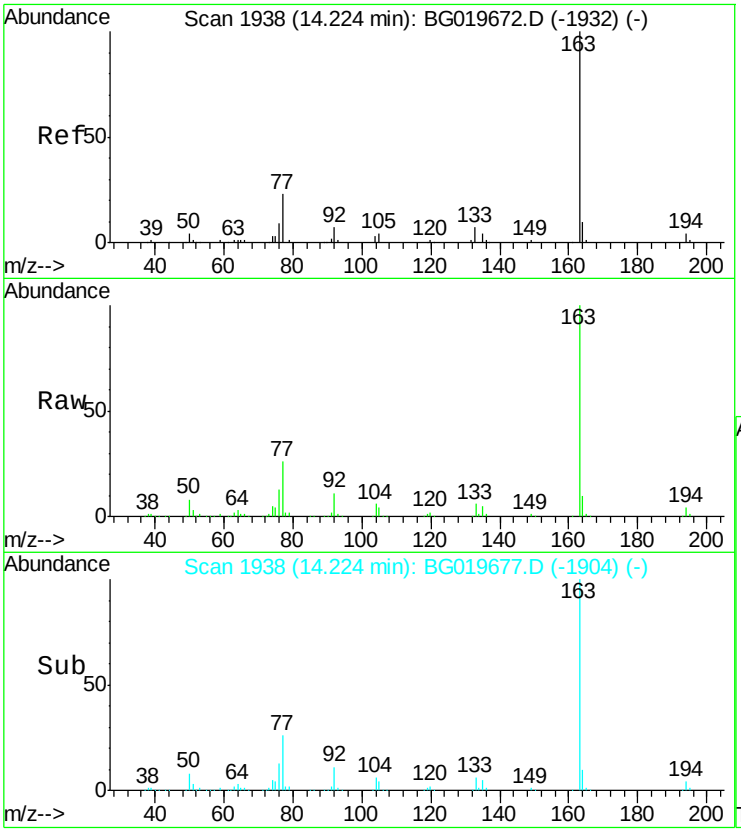


#15
N-Nitroso-di-n-propylamine
Concen: 1.25 ng/ul
RT: 8.85 min Scan# 1023
Delta R.T. -0.11 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Tgt Ion: 70 Resp: 2059

Ion	Ratio	Lower	Upper
70	100		
42	229.8	28.4	42.6#
101	0.0	5.3	7.9#
130	0.0	10.9	16.3#



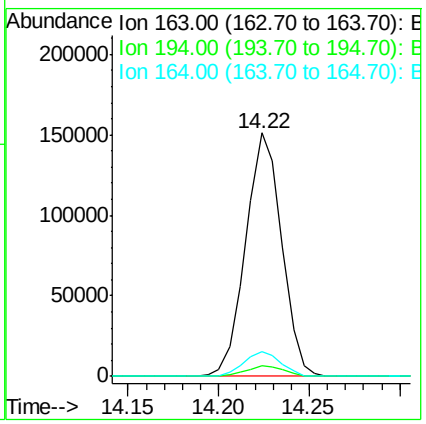


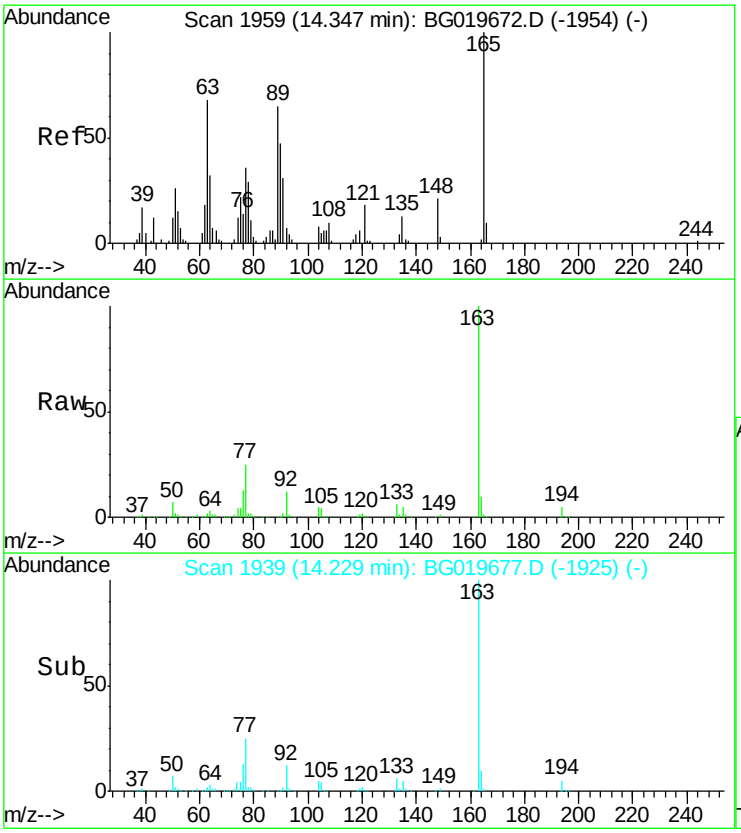
#45
Dimethylphthalate
Concen: 25.48 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Instrument :
BNA_G
ClientSampleId :
BC796

Tgt Ion:163 Resp: 208643

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.2	8.3	12.5

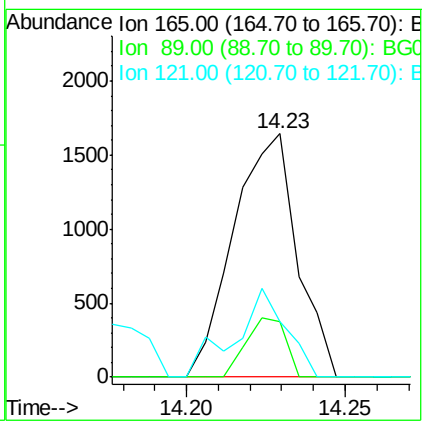


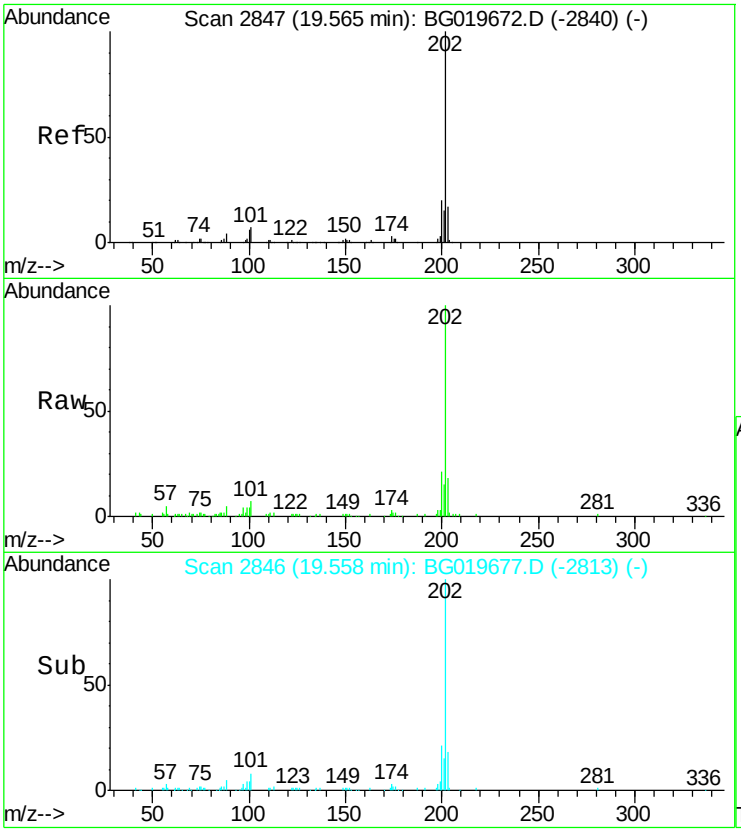


#46
2,6-Dinitrotoluene
Concen: 1.39 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.12 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Tgt Ion:165 Resp: 2285

Ion	Ratio	Lower	Upper
165	100		
89	22.7	61.1	91.7#
121	22.8	17.8	26.8



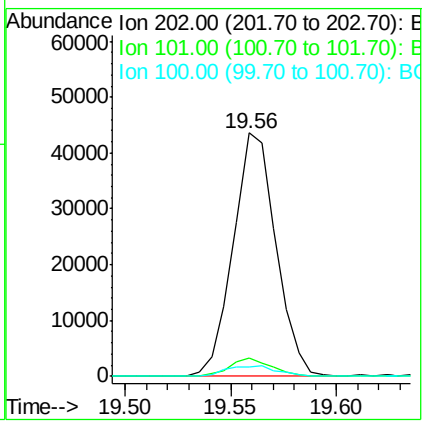


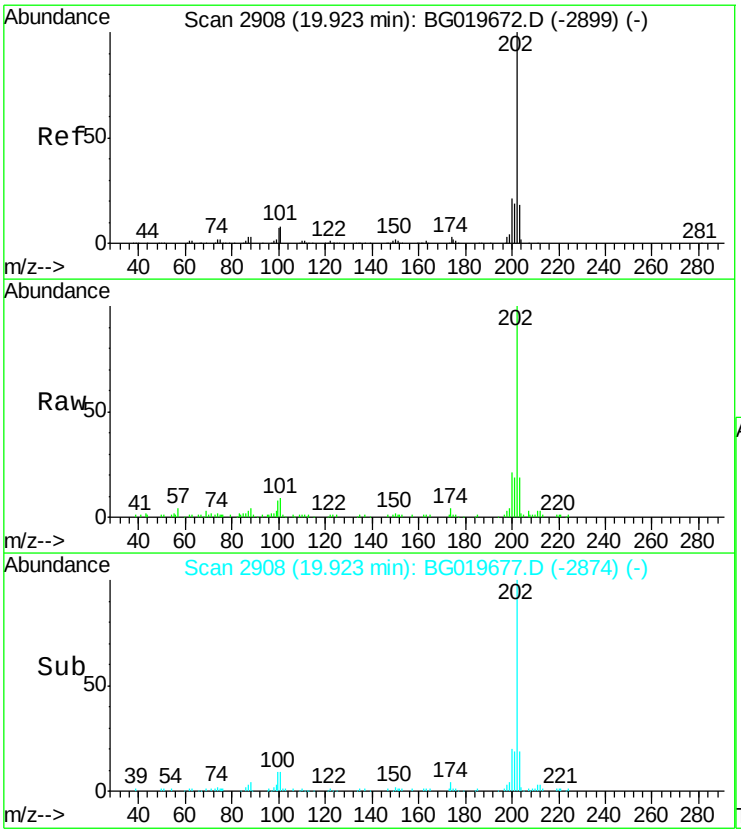
#77
Fluoranthene
Concen: 3.34 ng/ul
RT: 19.56 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Instrument :
BNA_G
ClientSampleId :
BC796

Tgt Ion:202 Resp: 61235

Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.2	7.8
100	3.6	5.0	7.4#

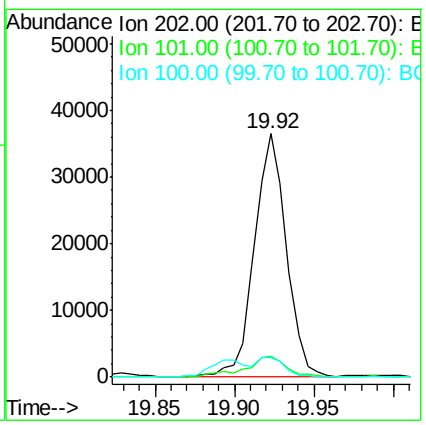


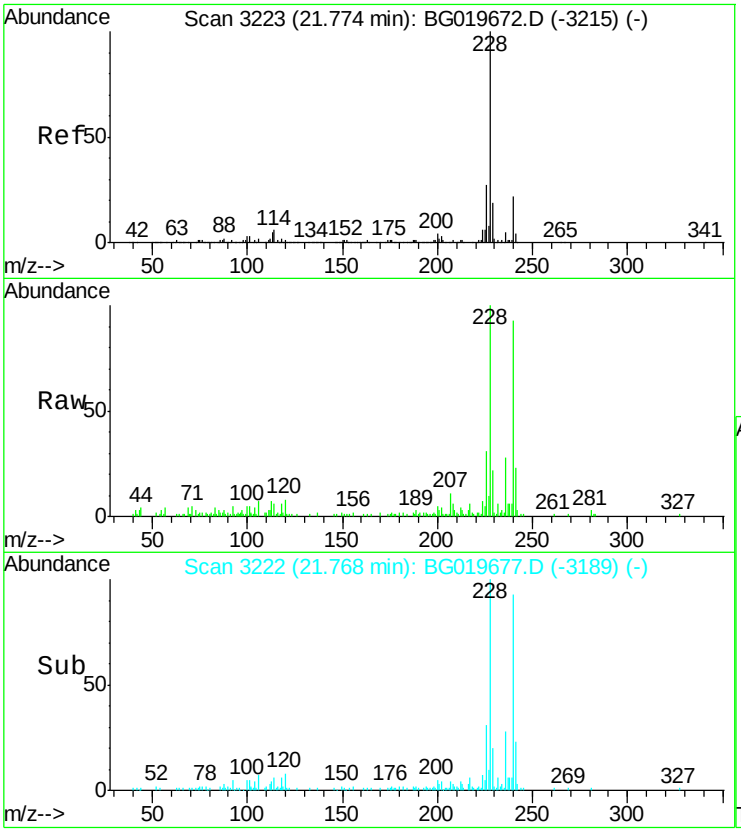


#80
Pyrene
Concen: 2.51 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Tgt Ion:202 Resp: 51361

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.6
100	8.3	6.6	10.0



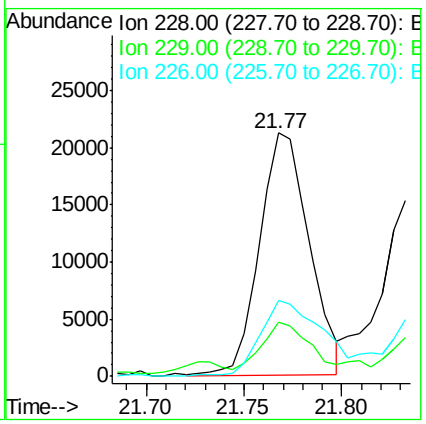


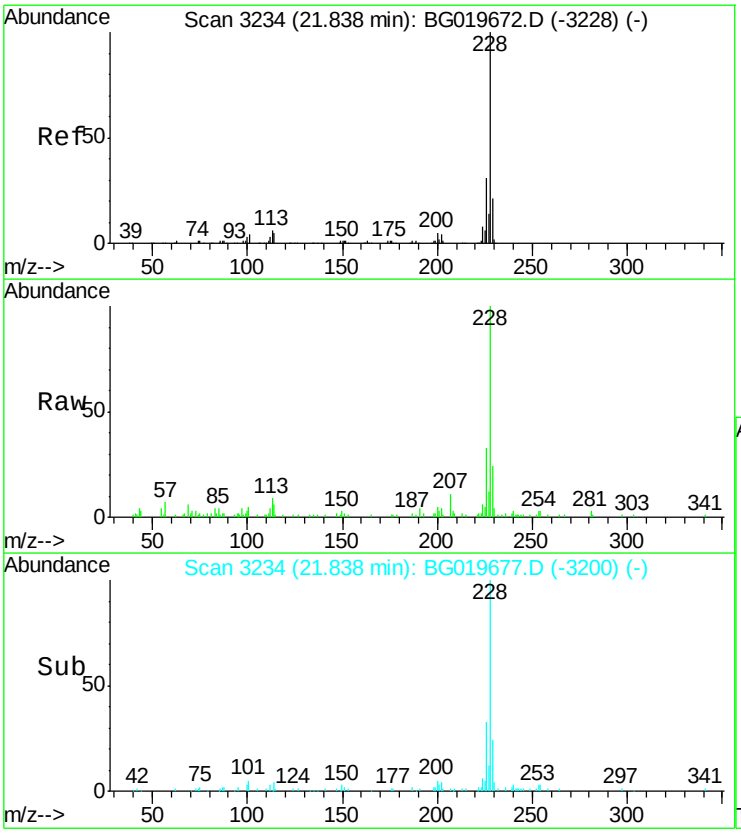
#83
Benzo(a)anthracene
Concen: 1.77 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Instrument :
BNA_G
ClientSampleId :
BC796

Tgt Ion:228 Resp: 37444

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	31.3	22.6	33.8

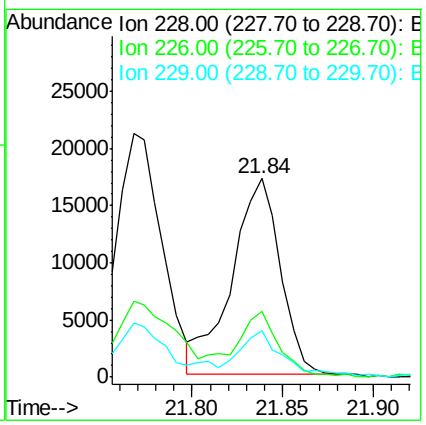


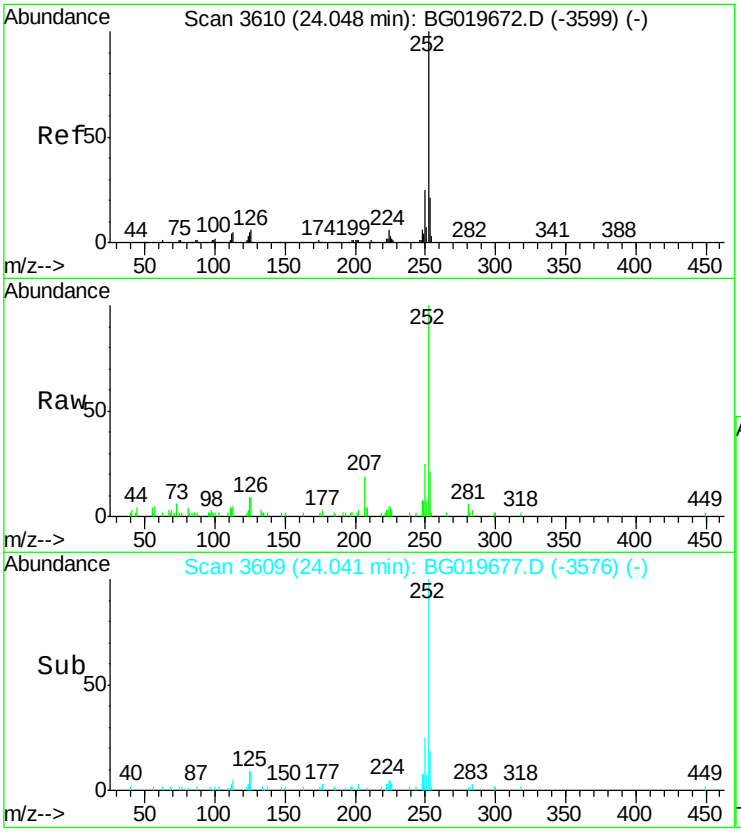


#85
Chrysene
Concen: 1.60 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Tgt Ion:228 Resp: 32030

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	23.6	17.0	25.6



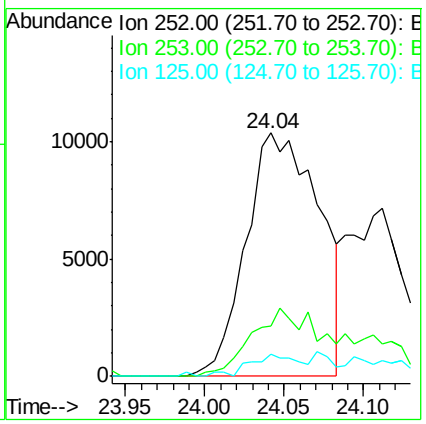


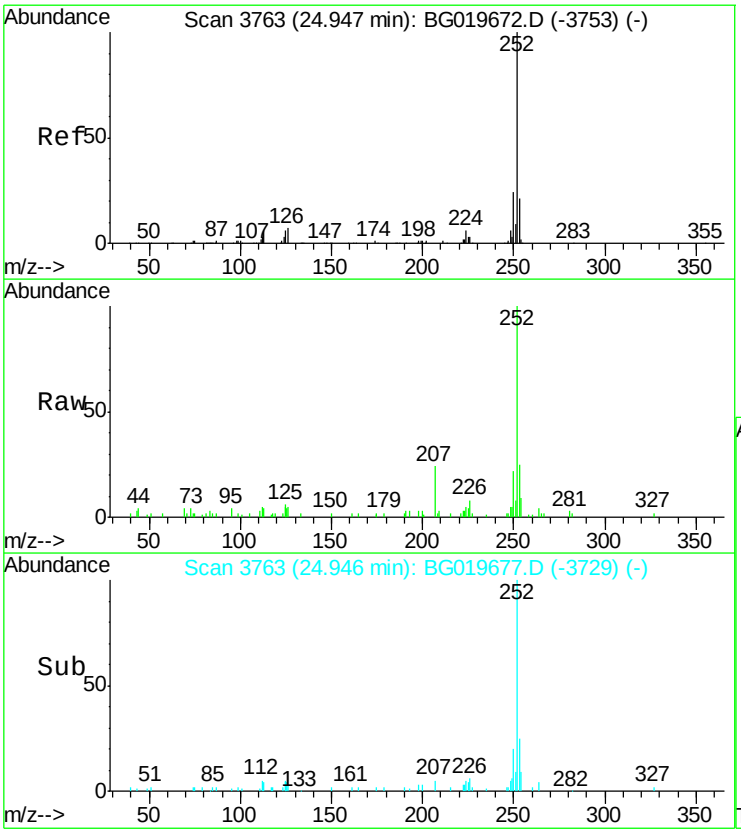
#88
Benzo(b)fluoranthene
Concen: 1.62 ng/ul
RT: 24.04 min Scan# 3609
Delta R.T. -0.01 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Instrument :
BNA_G
ClientSampleId :
BC796

Tgt Ion:252 Resp: 33344

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	9.0	4.2	6.4#





#91
Benzo(a)pyrene
Concen: 1.47 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. -0.00 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Tgt Ion:252 Resp: 29159

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.9	25.3
125	9.2	5.4	8.0#