Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018549.D
Acq On : 29 Aug 2015 23:12
Operator : UM/MA
Sample : G3476-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ9

Quant Time: Aug 31 03:40:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	96123	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	455413	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	296788	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	692396	20.00	ng/ul	-0.01
78) Chrysene-d12	21.64	240	683830	20.00	ng/ul	-0.03
86) Perylene-d12	24.84	264	683861	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	11118	5.11	ng/uL	0.00
5) Phenol-d5	7.17	99	340076	38.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	193141	35.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	244267	36.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	253763	34.62	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	136598	38.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	147800	40.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	313775	40.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	331220	38.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	948217	37.97	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	1139508	36.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	179644	40.00	ng/ul	0.00
58) Fluorene-d10	15.63	176	822491	37.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	127092	37.32	ng/ul	-0.01
71) Anthracene-d10	17.48	188	1235254	37.30	ng/ul	-0.01
79) Pyrene-d10	19.76	212	1152467	32.48	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	1164086	32.06	ng/ul	-0.06
Target Compounds						Qvalue
45) Dimethylphthalate	14.08	163	362879	14.73	ng/ul	98
50) Acenaphthene	14.70	153	28619	1.29	ng/ul	96
54) Dibenzofuran	15.04	168	31087	1.08	ng/ul	97
59) Fluorene	15.69	166	25767	1.04	ng/ul	91
70) Phenanthrene	17.43	178	411695	10.96	ng/ul	97
72) Anthracene	17.51	178	91909	2.40	ng/ul	99
75) Carbazole	17.78	167	43061	1.28	ng/ul	95
77) Fluoranthene	19.43	202	445912	11.11	ng/ul	98
80) Pyrene	19.79	202	413498	8.94	ng/ul	100
83) Benzo(a)anthracene	21.62	228	194199	4.58	ng/ul	97
85) Chrysene	21.69	228	193355	4.88	ng/ul	92
88) Benzo(b)fluoranthene	23.88	252	67218	1.56	ng/ul	99
89) Benzo(k)fluoranthene	23.88	252	66807	1.61	ng/ul	99
91) Benzo(a)pyrene	24.68	252	152887	3.74	ng/ul	99

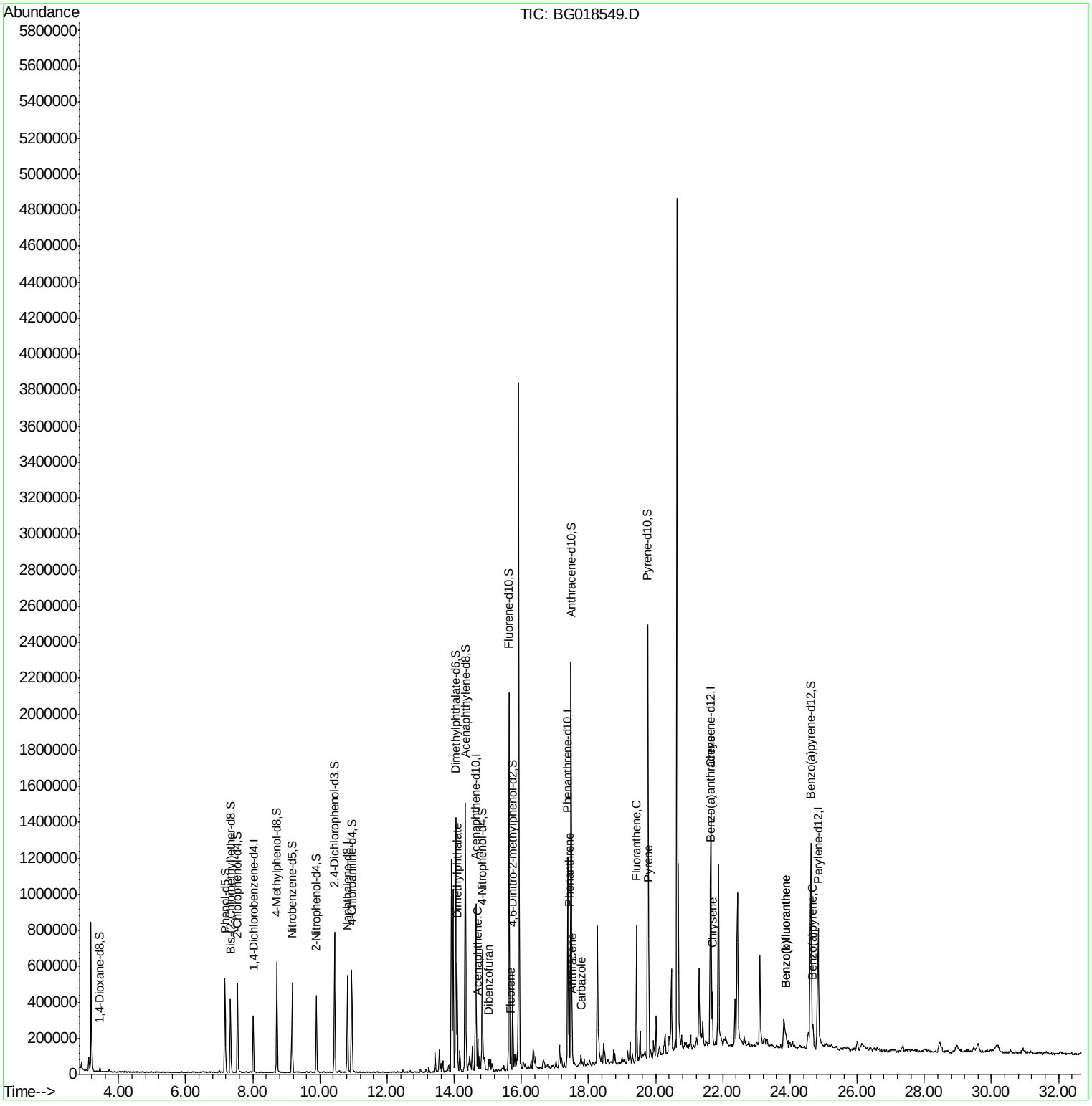
(#) = qualifier out of range (m) = manual integration (+) = signals summed

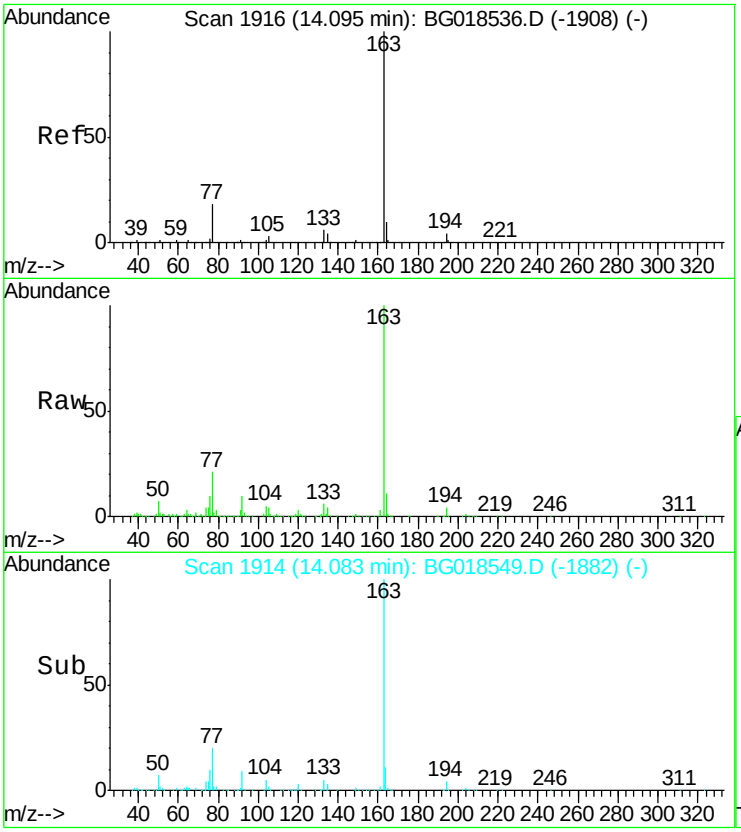
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018549.D
Acq On : 29 Aug 2015 23:12
Operator : UM/MA
Sample : G3476-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ9

Quant Time: Aug 31 03:40:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration



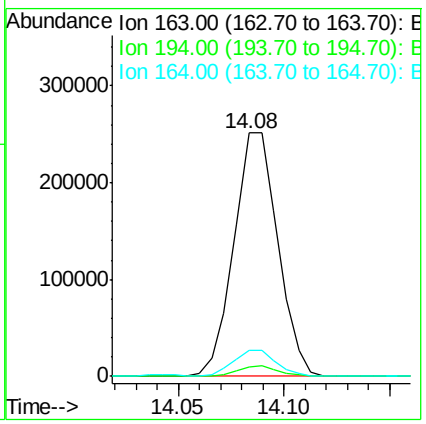


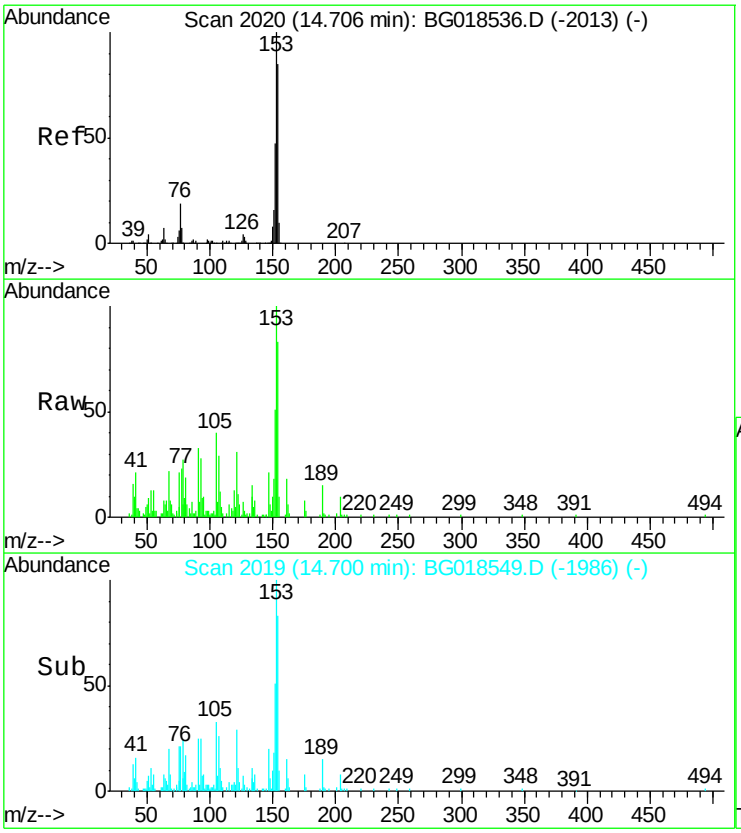
#45
Dimethylphthalate
Concen: 14.73 ng/ul
RT: 14.08 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Instrument :
BNA_G
ClientSampleId :
BCTJ9

Tgt Ion:163 Resp: 362879

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.6	7.7	11.5

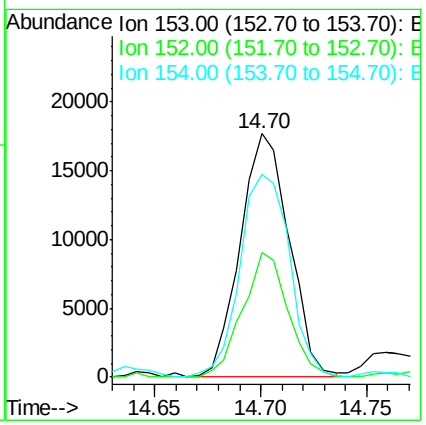


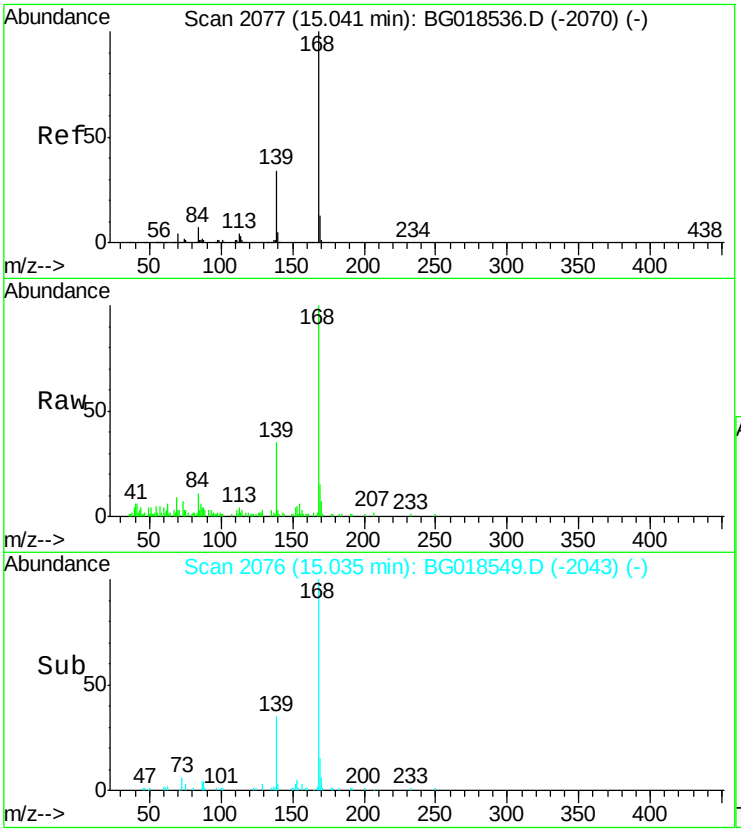


#50
Acenaphthene
Concen: 1.29 ng/ul
RT: 14.70 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Tgt Ion:153 Resp: 28619

Ion	Ratio	Lower	Upper
153	100		
152	51.3	38.2	57.4
154	83.3	68.6	103.0



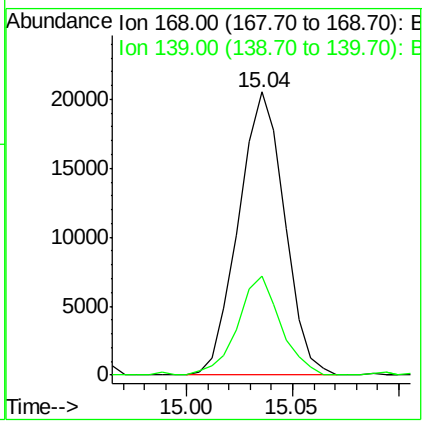


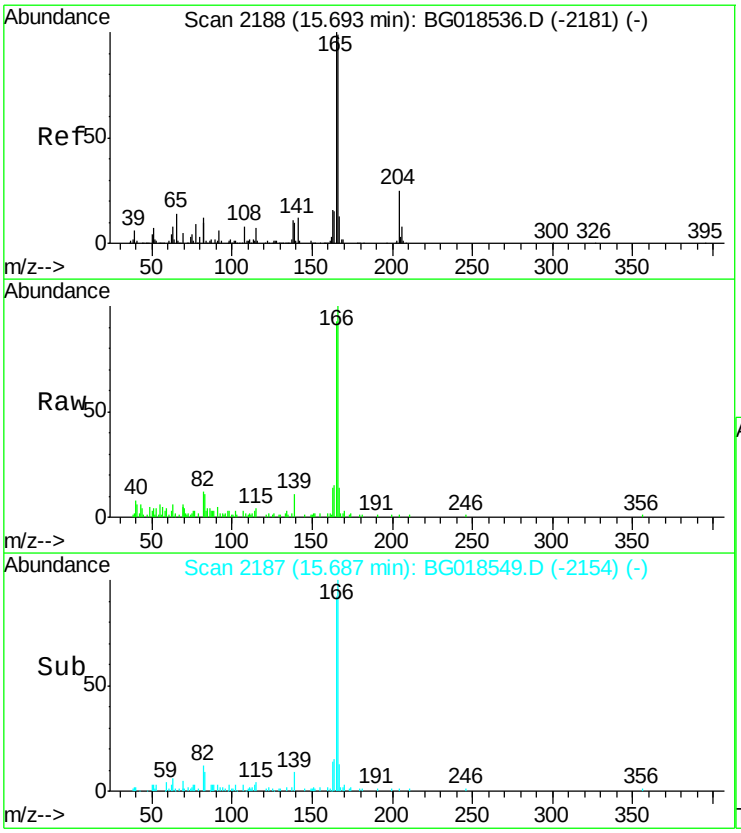
#54
Dibenzofuran
Concen: 1.08 ng/ul
RT: 15.04 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Instrument :
BNA_G
ClientSampleId :
BCTJ9

Tgt Ion:168 Resp: 31087

Ion	Ratio	Lower	Upper
168	100		
139	35.1	29.7	44.5

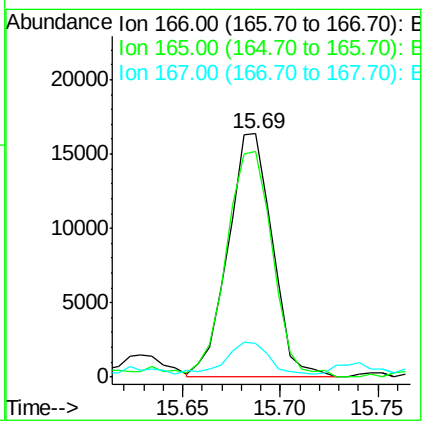


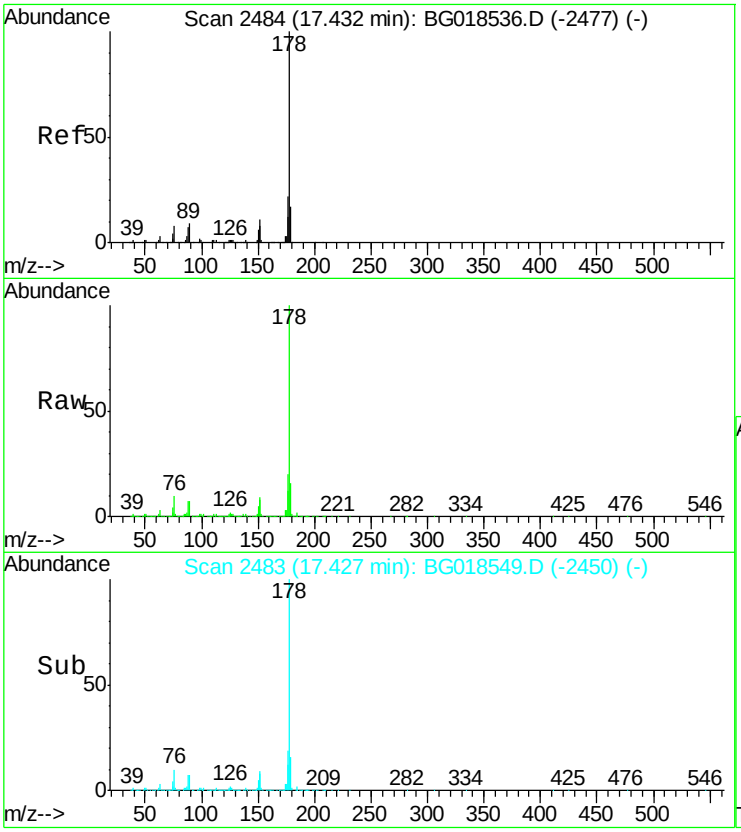


#59
Fluorene
Concen: 1.04 ng/ul
RT: 15.69 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Tgt Ion:166 Resp: 25767

Ion	Ratio	Lower	Upper
166	100		
165	92.9	82.6	124.0
167	13.6	11.4	17.0



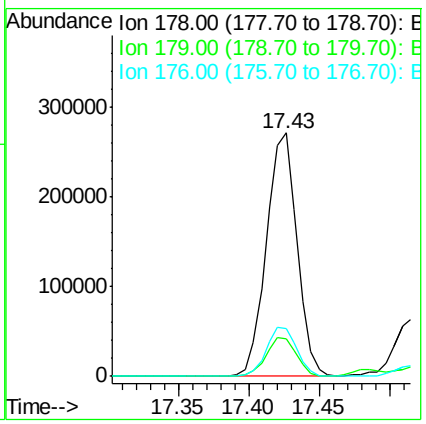


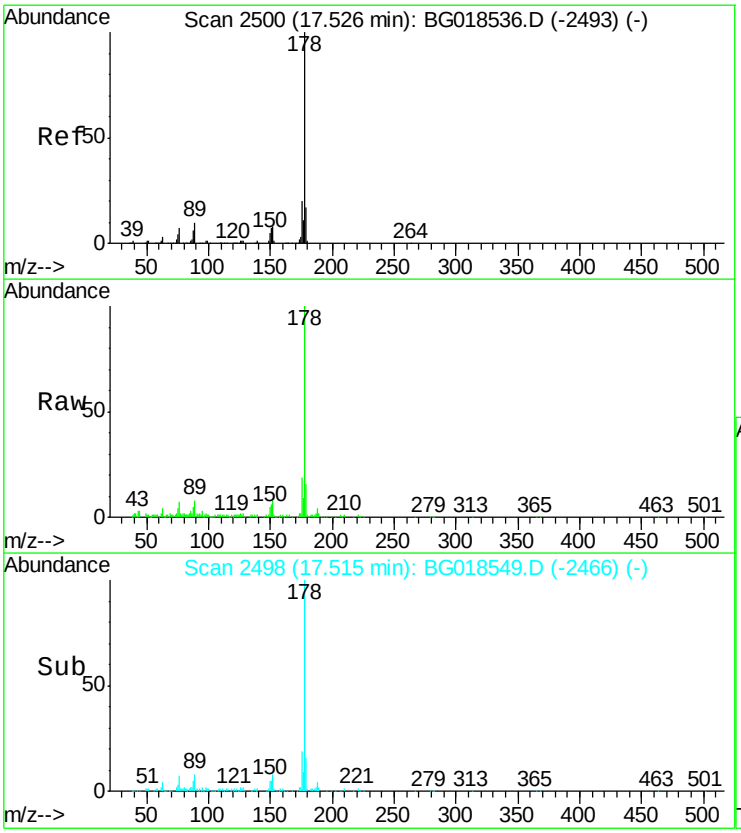
#70
Phenanthrene
Concen: 10.96 ng/ul
RT: 17.43 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Instrument :
BNA_G
ClientSampleId :
BCTJ9

Tgt Ion:178 Resp: 411695

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.7	20.5
176	19.5	16.6	24.8

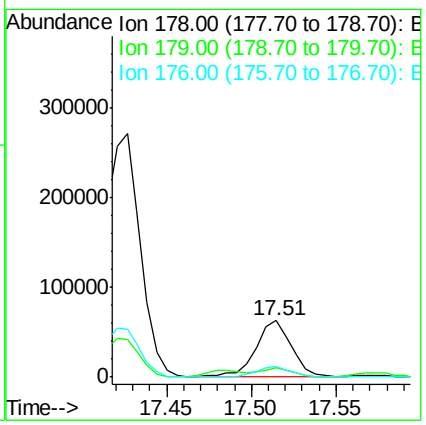


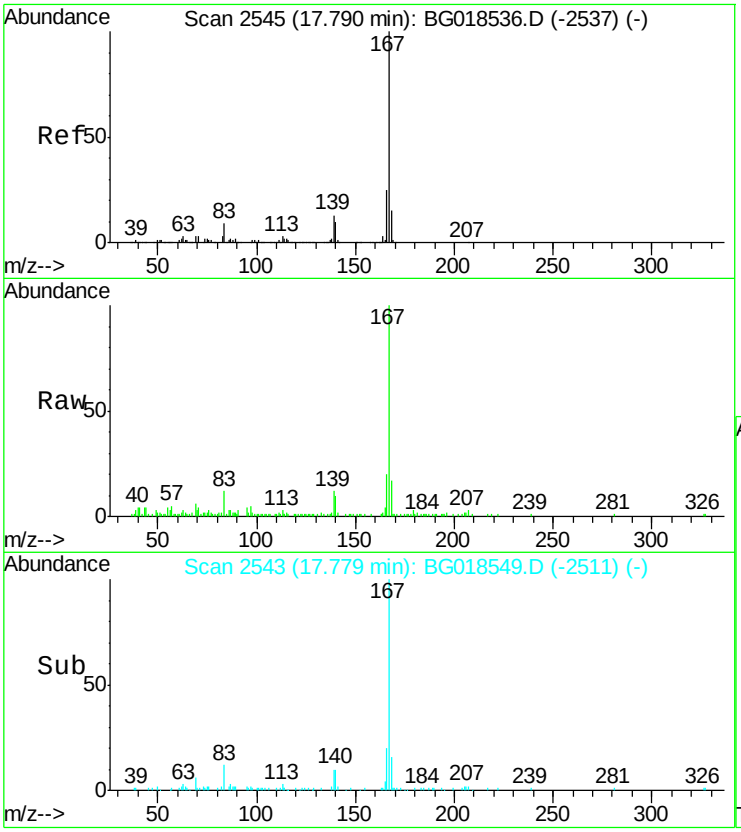


#72
Anthracene
Concen: 2.40 ng/ul
RT: 17.51 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Tgt Ion:178 Resp: 91909

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	19.5	16.0	24.0



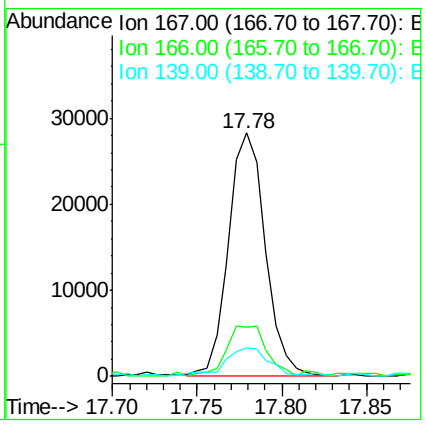


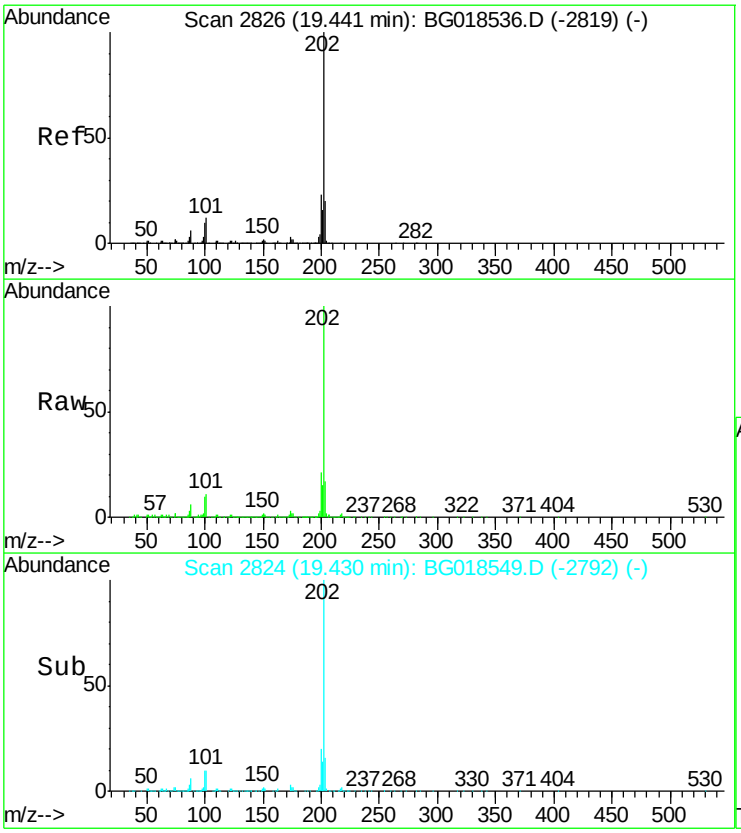
#75
Carbazole
Concen: 1.28 ng/ul
RT: 17.78 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Instrument :
BNA_G
ClientSampleId :
BCTJ9

Tgt Ion:167 Resp: 43061

Ion	Ratio	Lower	Upper
167	100		
166	20.3	18.9	28.3
139	11.6	10.1	15.1

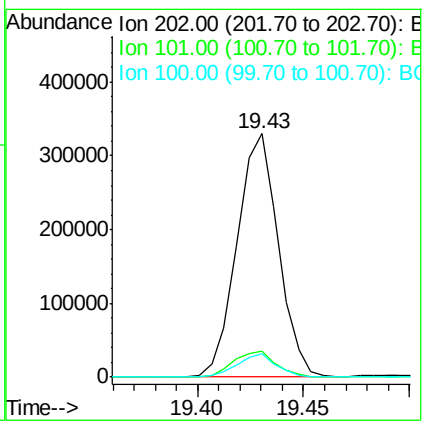


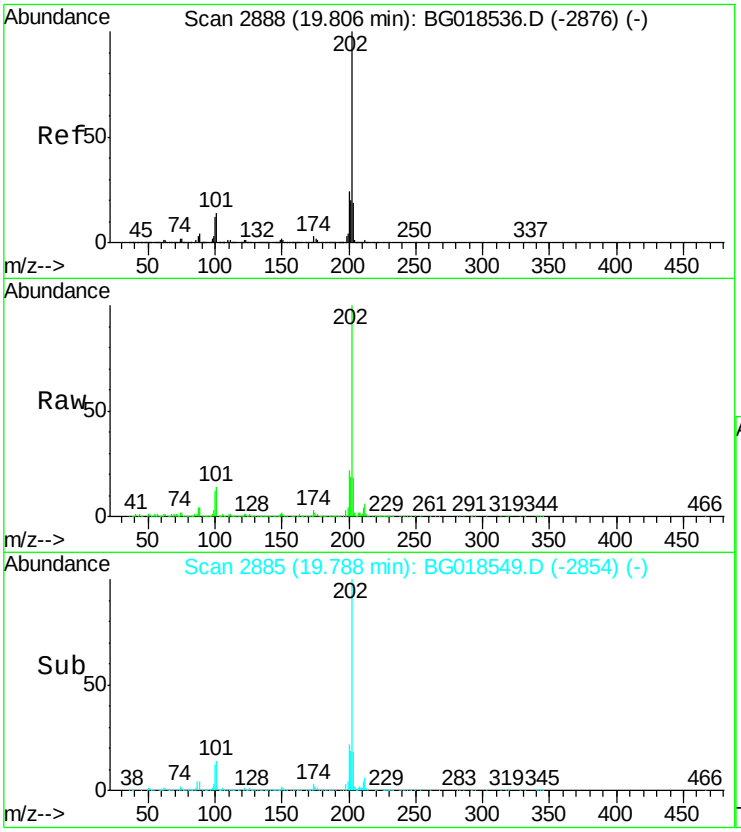


#77
Fluoranthene
Concen: 11.11 ng/ul
RT: 19.43 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Tgt Ion:202 Resp: 445912

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.7	14.5
100	9.7	7.8	11.8



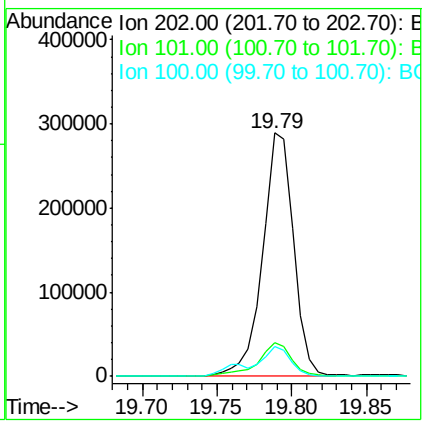


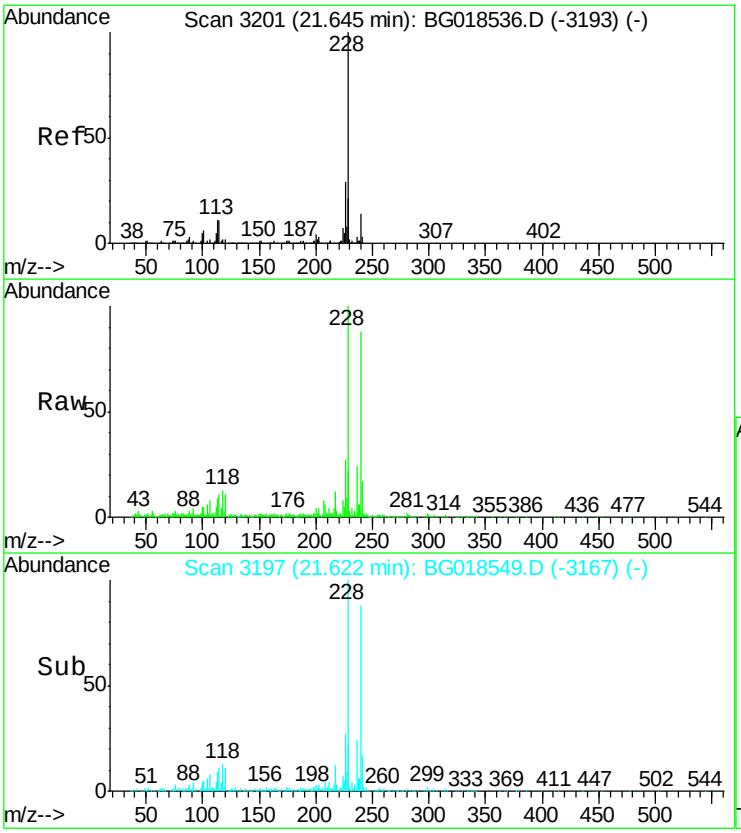
#80
Pyrene
Concen: 8.94 ng/ul
RT: 19.79 min Scan# 2885
Delta R.T. -0.02 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Instrument :
BNA_G
ClientSampleId :
BCTJ9

Tgt Ion:202 Resp: 413498

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
100	12.2	9.8	14.6

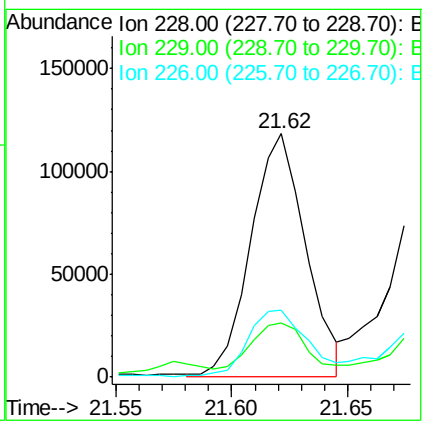


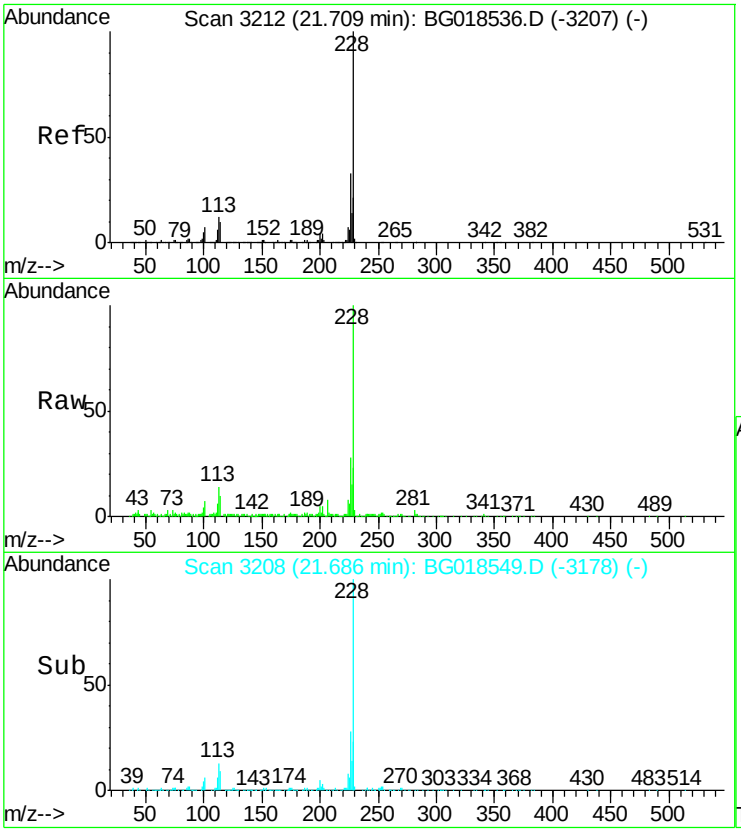


#83
Benzo(a)anthracene
Concen: 4.58 ng/ul
RT: 21.62 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Tgt Ion:228 Resp: 194199

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.5	23.3
226	27.5	22.1	33.1



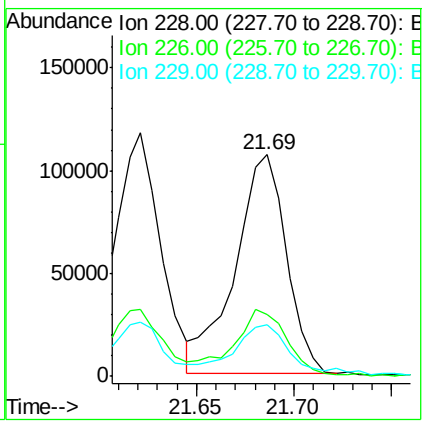


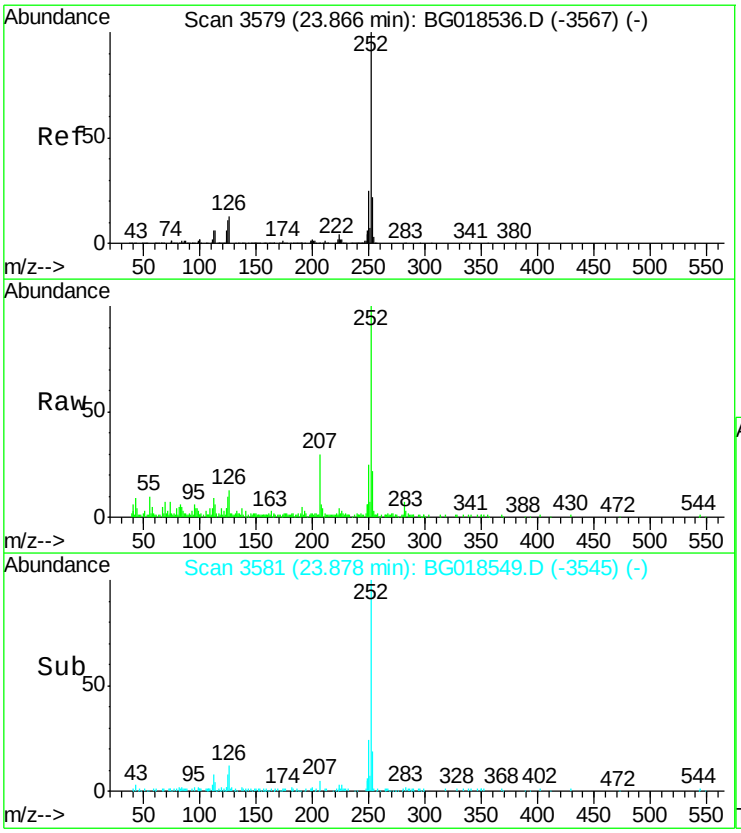
#85
Chrysene
Concen: 4.88 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. -0.02 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Instrument :
BNA_G
ClientSampleId :
BCTJ9

Tgt Ion:228 Resp: 193355

Ion	Ratio	Lower	Upper
228	100		
226	27.9	26.5	39.7
229	23.5	16.9	25.3

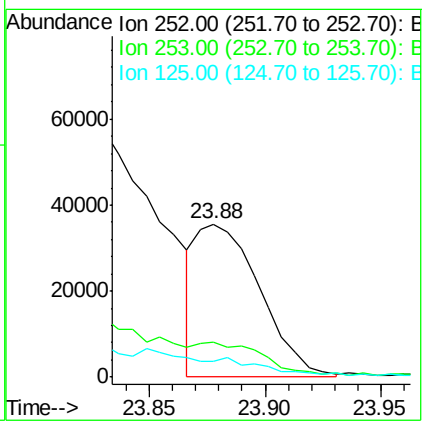


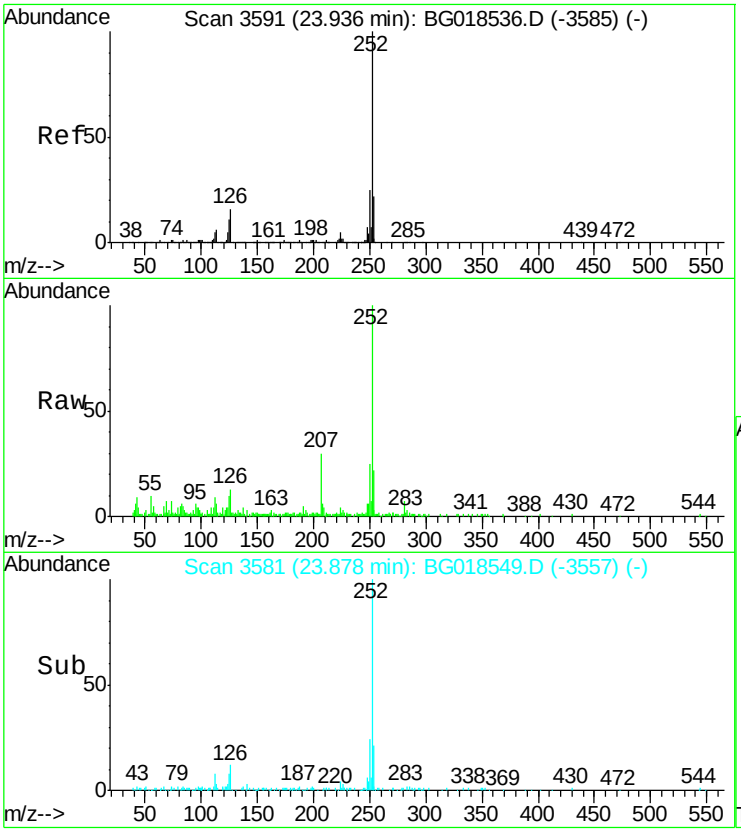


#88
Benzo(b)fluoranthene
Concen: 1.56 ng/ul
RT: 23.88 min Scan# 3581
Delta R.T. 0.01 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Tgt Ion:252 Resp: 67218

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.0	8.3	12.5



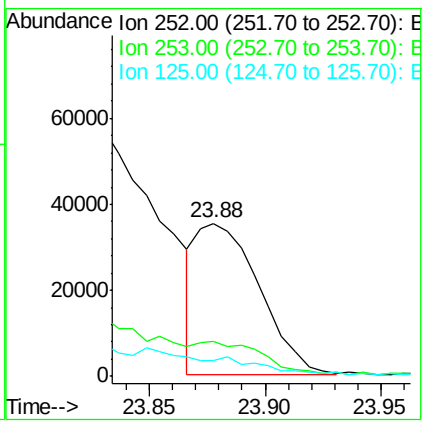


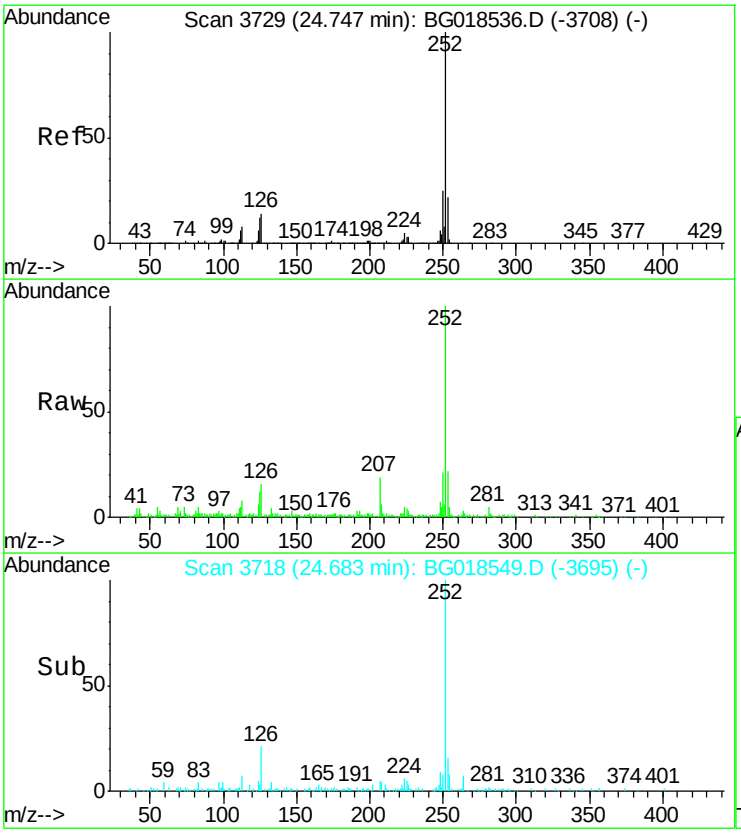
#89
Benzo(k)fluoranthene
Concen: 1.61 ng/ul
RT: 23.88 min Scan# 3581
Delta R.T. -0.06 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Instrument :
BNA_G
ClientSampleId :
BCTJ9

Tgt Ion:252 Resp: 66807

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.0	9.0	13.4





#91
Benzo(a)pyrene
Concen: 3.74 ng/ul
RT: 24.68 min Scan# 3718
Delta R.T. -0.06 min
Lab File: BG018549.D
Acq: 29 Aug 2015 23:12

Tgt Ion:252 Resp: 152887

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	11.9	10.2	15.2