Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020362.D
Acq On : 21 Dec 2015 3:49
Operator : UM/SJ
Sample : G4848-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N57

Quant Time: Dec 21 05:00:43 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 01:58:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	20371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	91070	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	63405	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	151811	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	188965	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	176540	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2062	5.59	ng/uL	0.00
5) Phenol-d5	7.26	99	57383	31.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	32524	30.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	44617	34.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	50709	33.01	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	23583	33.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	27526	34.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	55090	34.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	51443	28.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	189014	36.85	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	217556	36.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	29788	32.38	ng/ul	0.00
58) Fluorene-d10	15.72	176	172778	37.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	28261	31.40	ng/ul	0.00
71) Anthracene-d10	17.57	188	272088	38.90	ng/ul	0.00
79) Pyrene-d10	19.85	212	327817	37.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	358628	40.73	ng/ul	0.00
Target Compounds						Qvalue
15) N-Nitroso-di-n-propylamine	8.80	70	1438	1.13	ng/ul#	1
28) Naphthalene	10.96	128	5644	1.19	ng/ul#	95
45) Dimethylphthalate	14.17	163	66554	12.71	ng/ul	99
70) Phenanthrene	17.51	178	23533	2.83	ng/ul	99
72) Anthracene	17.51	178	23533	2.79	ng/ul	98
77) Fluoranthene	19.51	202	15598	1.61	ng/ul	98
80) Pyrene	19.88	202	11529	1.01	ng/ul	97

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

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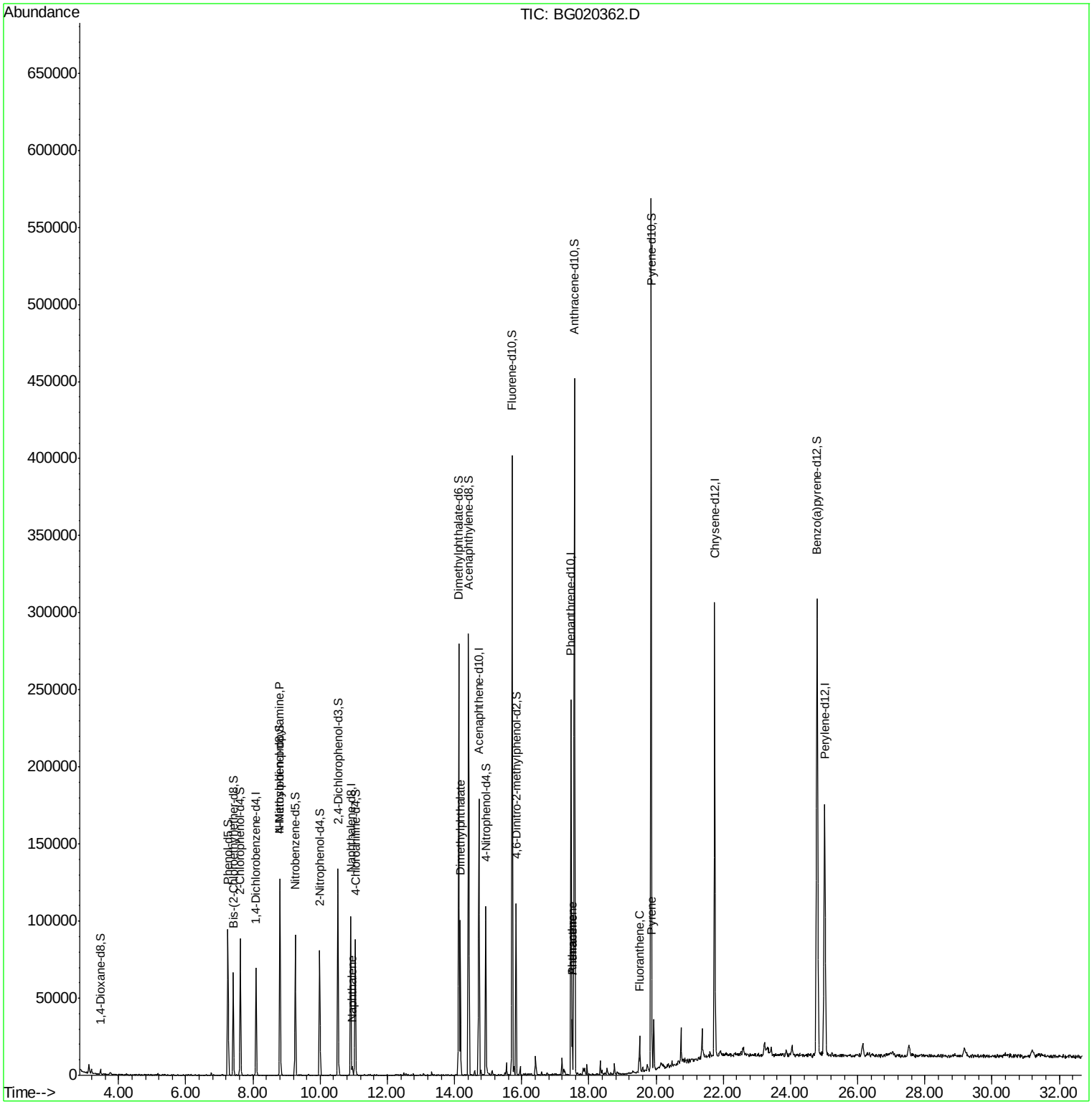
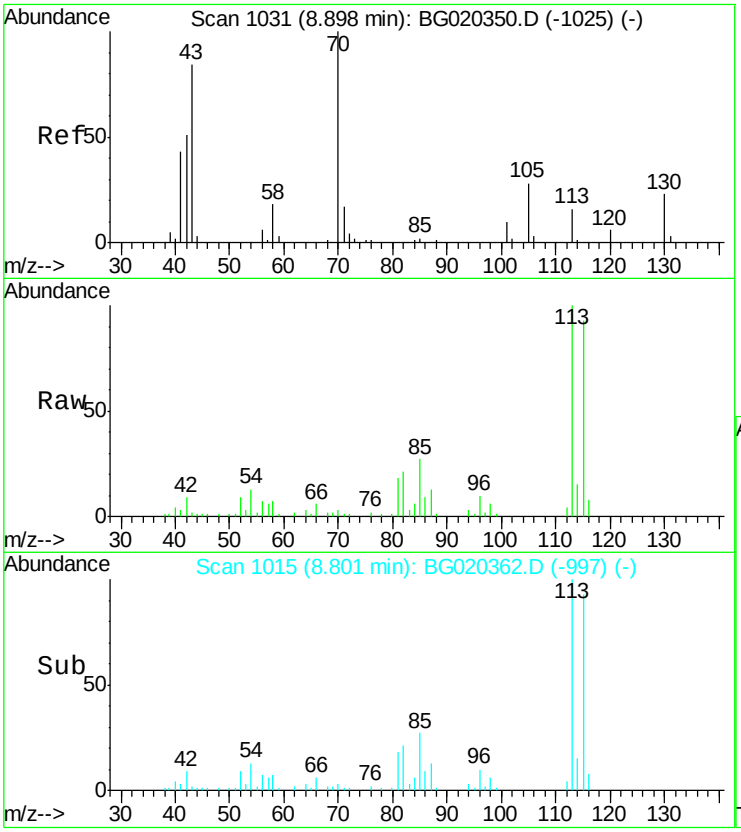


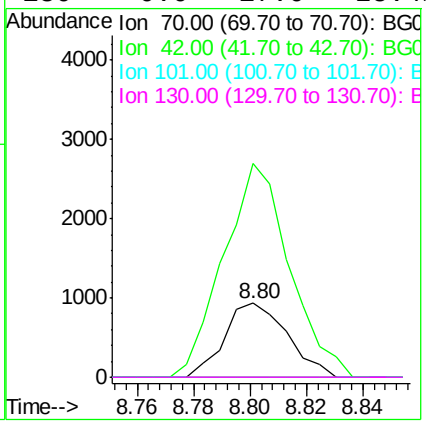


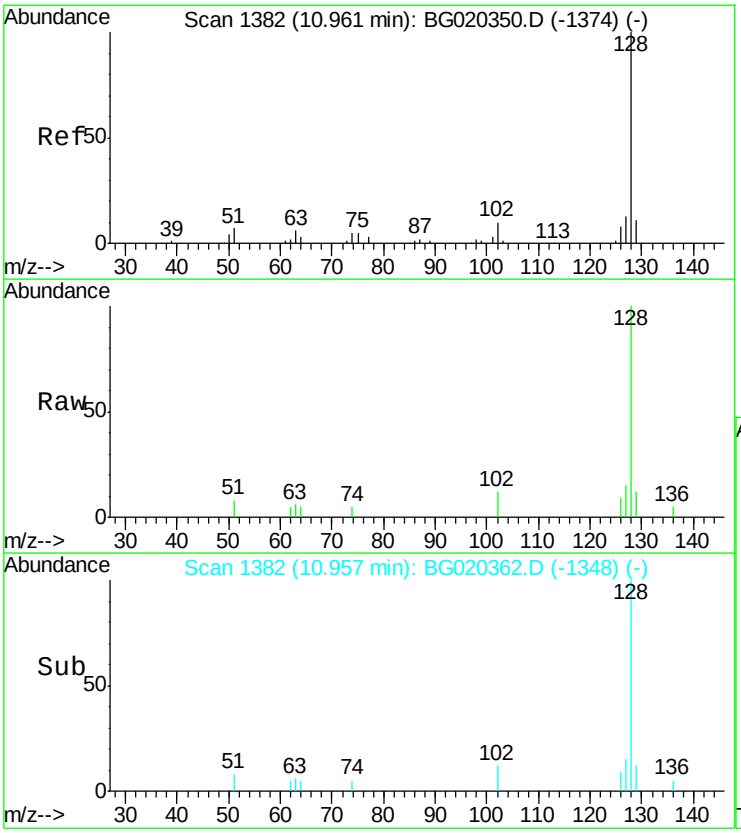
#15
N-Nitroso-di-n-propylamine
Concen: 1.13 ng/ul
RT: 8.80 min Scan# 1015
Delta R.T. -0.10 min
Lab File: BG020362.D
Acq: 21 Dec 2015 3:49

Instrument :
BNA_G
ClientSampleId :
D9N57

Tgt Ion: 70 Resp: 1438

Ion	Ratio	Lower	Upper
70	100		
42	289.2	44.3	66.5#
101	0.0	7.6	11.4#
130	0.0	17.0	25.4#

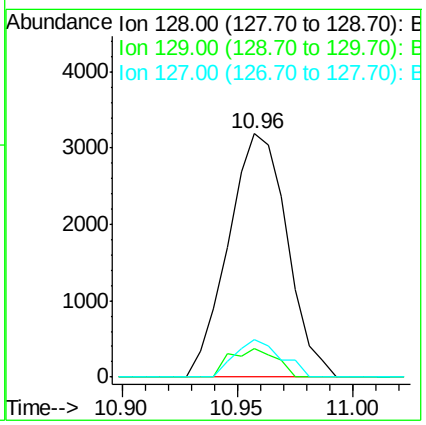


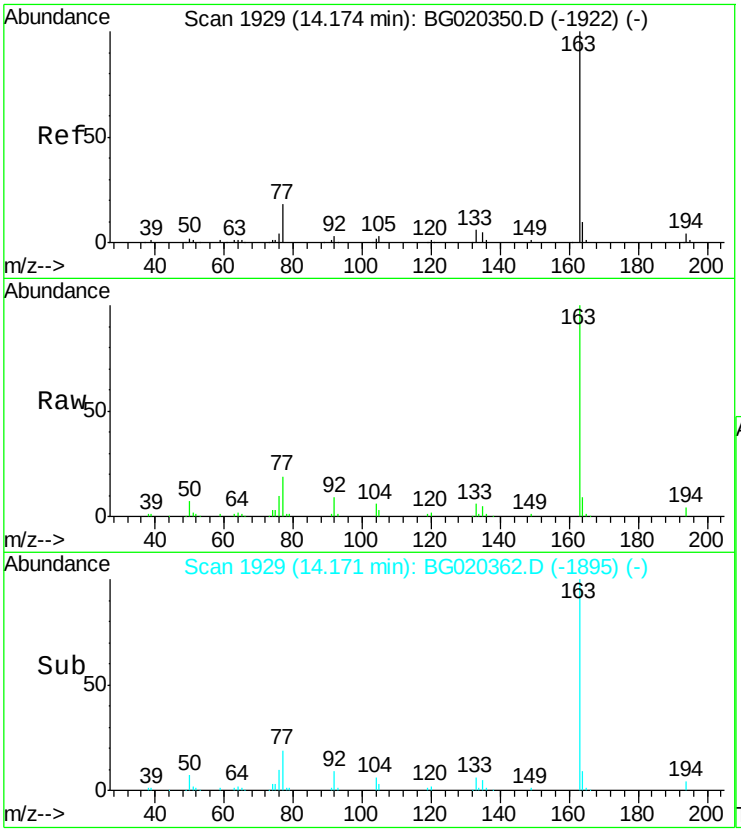


#28
Naphthalene
Concen: 1.19 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020362.D
Acq: 21 Dec 2015 3:49

Tgt Ion:128 Resp: 5644

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	15.2	10.1	15.1#



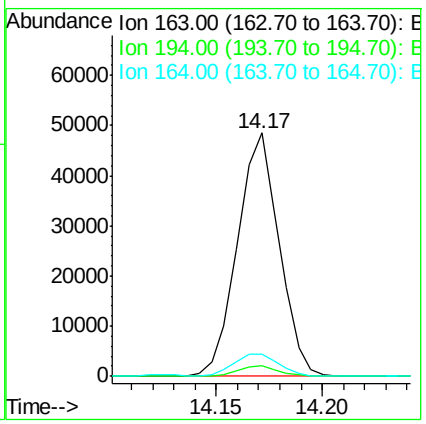


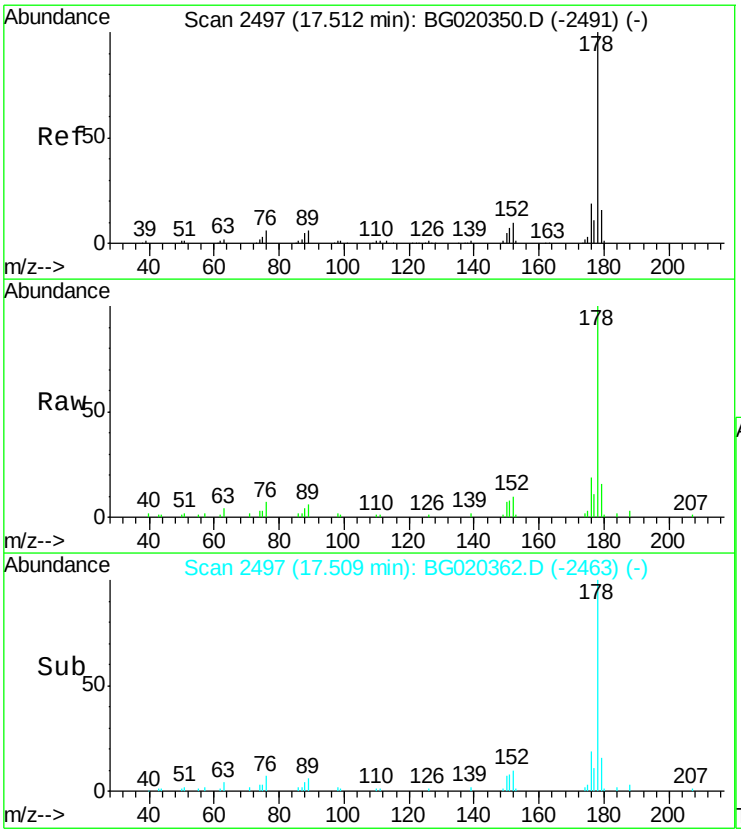
#45
Dimethylphthalate
Concen: 12.71 ng/ul
RT: 14.17 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG020362.D
Acq: 21 Dec 2015 3:49

Instrument :
BNA_G
ClientSampleId :
D9N57

Tgt Ion:163 Resp: 66554

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.4	7.7	11.5

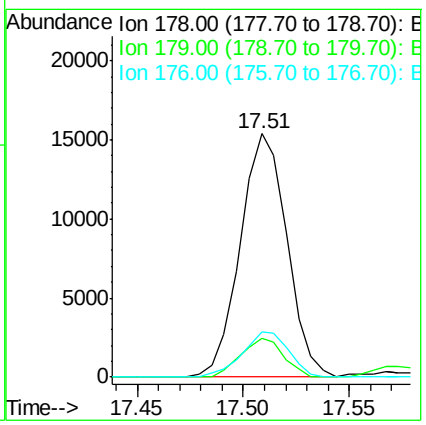


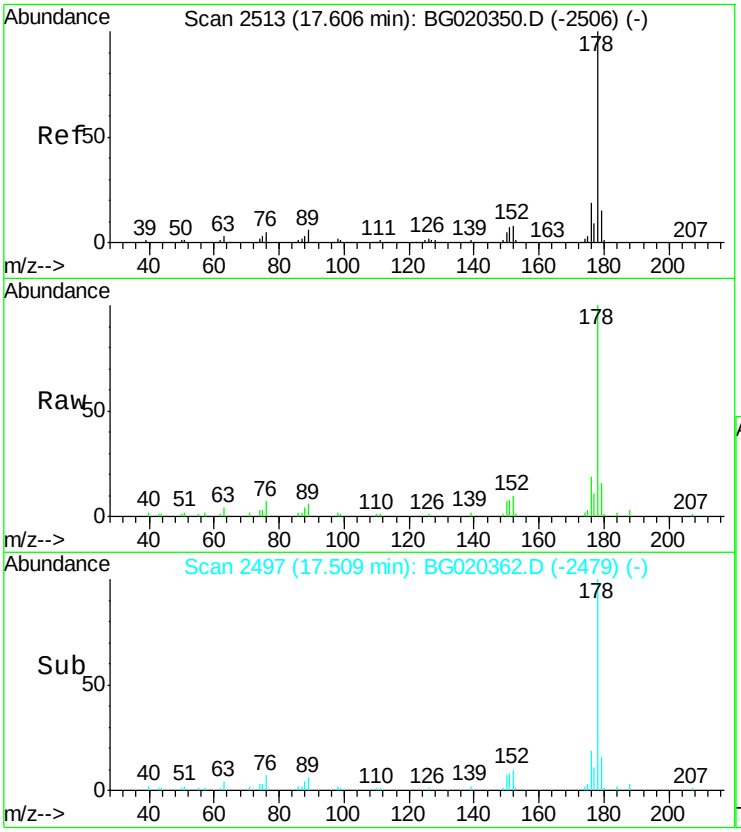


#70
Phenanthrene
Concen: 2.83 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020362.D
Acq: 21 Dec 2015 3:49

Tgt Ion:178 Resp: 23533

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	18.8	15.3	22.9



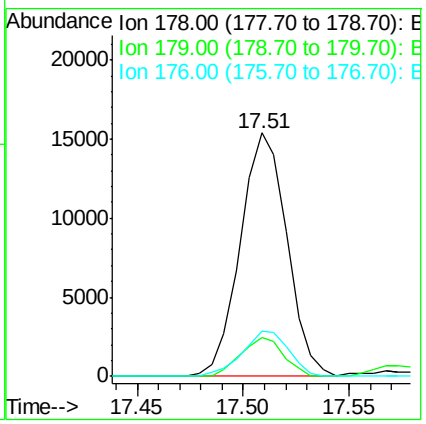


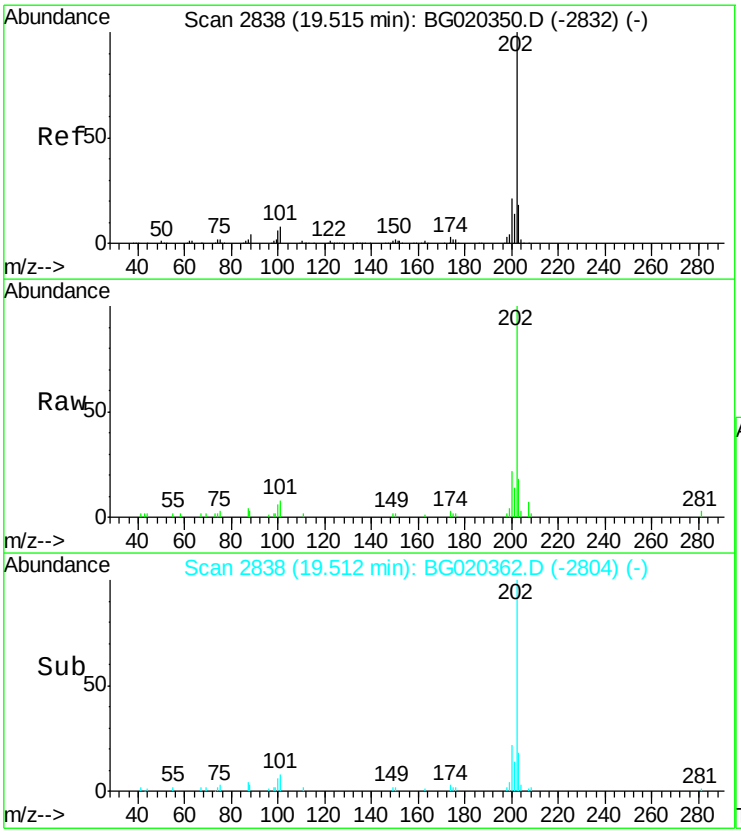
#72
Anthracene
Concen: 2.79 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.10 min
Lab File: BG020362.D
Acq: 21 Dec 2015 3:49

Instrument :
BNA_G
ClientSampleId :
D9N57

Tgt Ion:178 Resp: 23533

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.8	14.3	21.5

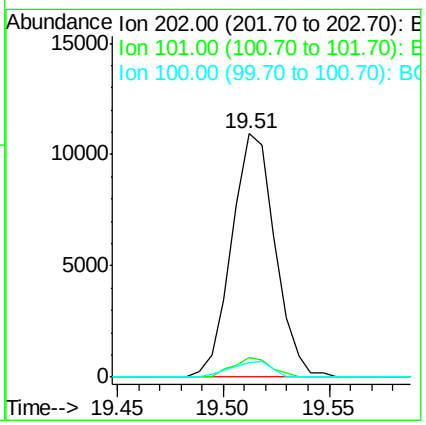


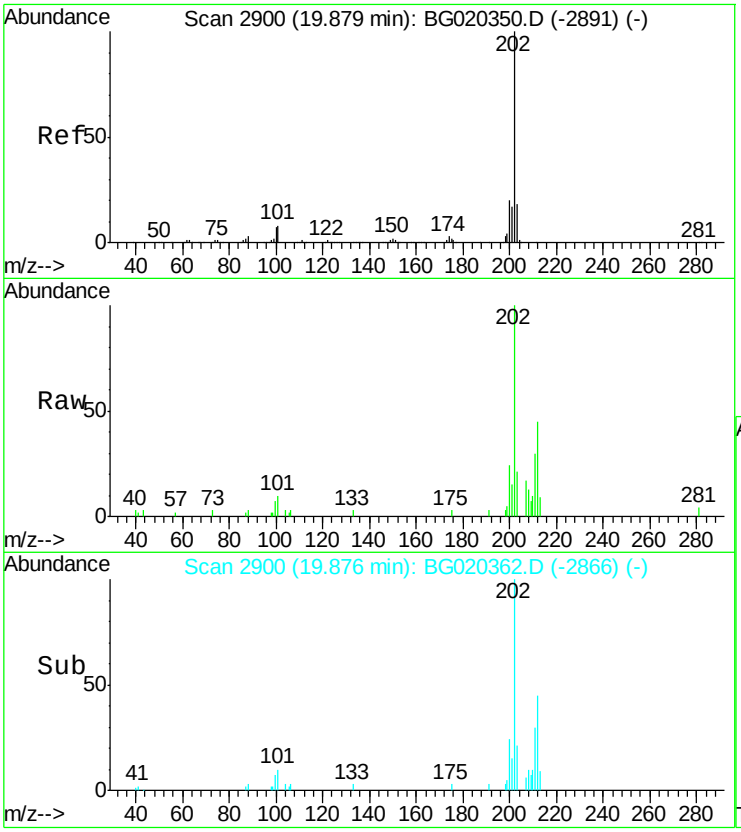


#77
Fluoranthene
Concen: 1.61 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG020362.D
Acq: 21 Dec 2015 3:49

Tgt Ion:202 Resp: 15598

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.2	9.4
100	5.7	5.1	7.7





#80
Pyrene
Concen: 1.01 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020362.D
Acq: 21 Dec 2015 3:49

Instrument :
BNA_G
ClientSampleId :
D9N57

Tgt Ion:202 Resp: 11529

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.0	10.4
100	7.2	6.4	9.6