Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047633.D
Acq On : 8 Dec 2020 1:30
Operator : CG/JU
Sample : L4862-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 08 04:26:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 04:12:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	25228	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	98466	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	76332	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	208488	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	207997	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	218461	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	361	0.76	ng/uL	0.00
5) Phenol-d5	7.35	99	17642	8.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	10486	9.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	12978	7.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	9992	5.83	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	6870	8.56	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	9354	9.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	16392	7.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	16194	8.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	61647	9.30	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	69709	9.21	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	7690	7.82	ng/ul	0.00
58) Fluorene-d10	15.82	176	59133	9.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	11539	8.18	ng/ul	0.00
71) Anthracene-d10	17.67	188	98986	9.52	ng/ul	0.00
79) Pyrene-d10	19.94	212	126144	10.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	124403	9.75	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.37	94	2725	1.336	ng/ul#	73
14) Acetophenone	9.04	105	3163	1.170	ng/ul#	87
45) Dimethylphthalate	14.27	163	19062	2.838	ng/ul#	91
70) Phenanthrene	17.61	178	19083	1.689	ng/ul	97
72) Anthracene	17.61	178	19083	1.694	ng/ul	98
77) Fluoranthene	19.60	202	68283	4.749	ng/ul#	98
80) Pyrene	19.97	202	51485	3.403	ng/ul#	98
83) Benzo(a)anthracene	21.83	228	29182	1.964	ng/ul#	93
85) Chrysene	21.89	228	25315	1.805	ng/ul#	90
91) Benzo(a)pyrene	25.04	252	22482	1.635	ng/ul#	95

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

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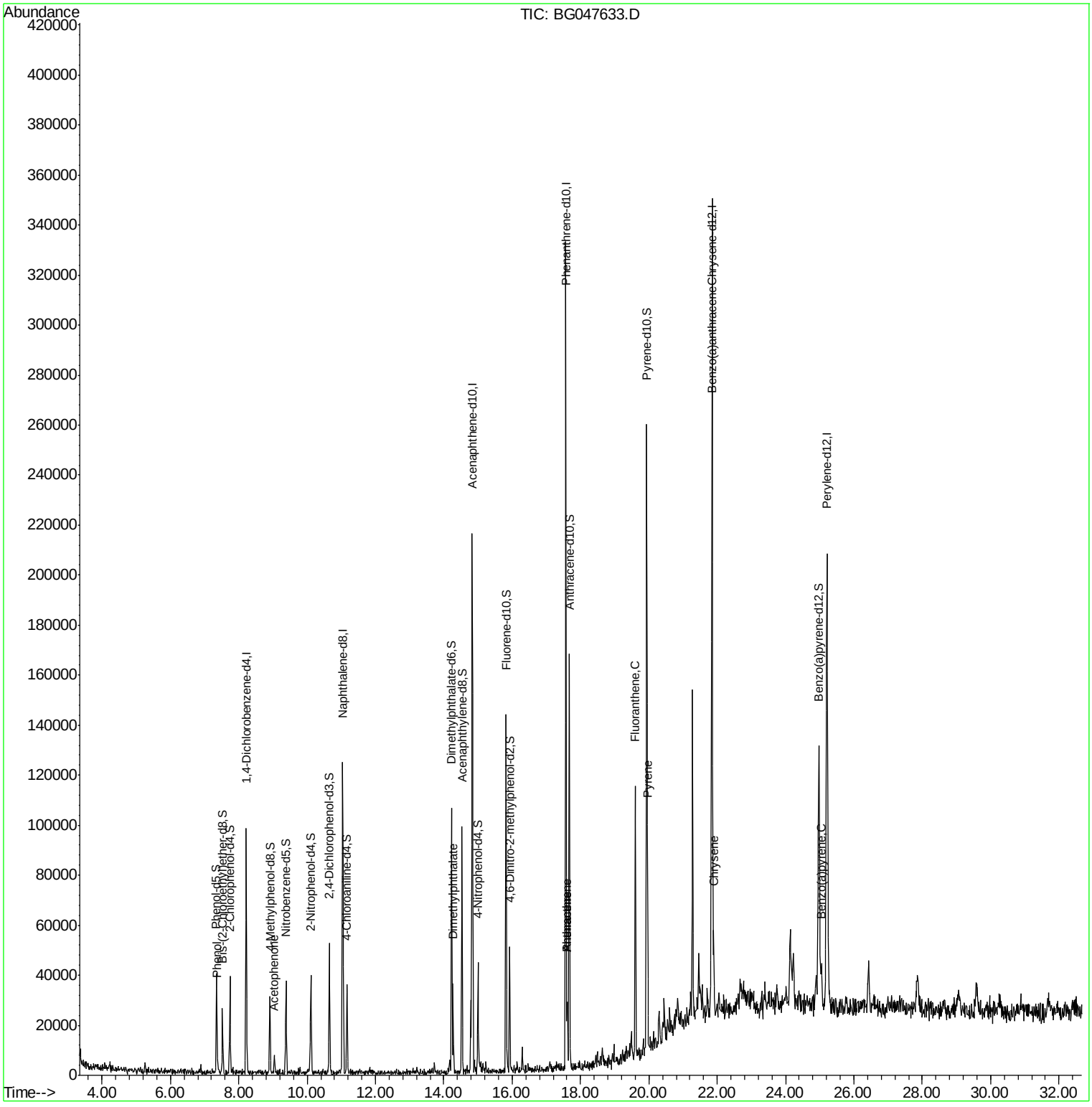
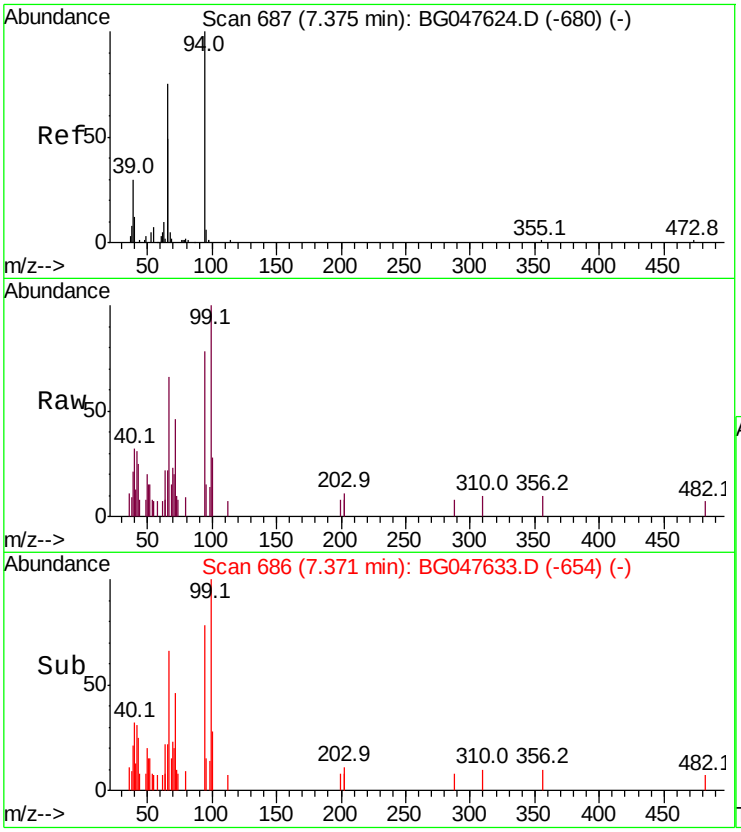


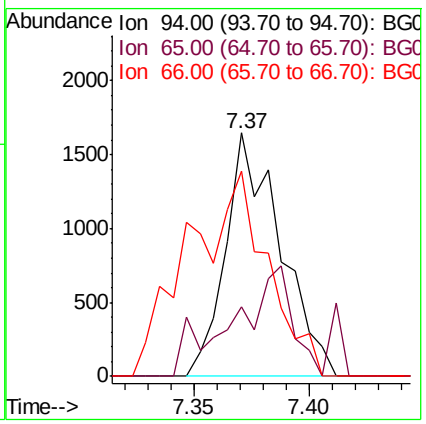


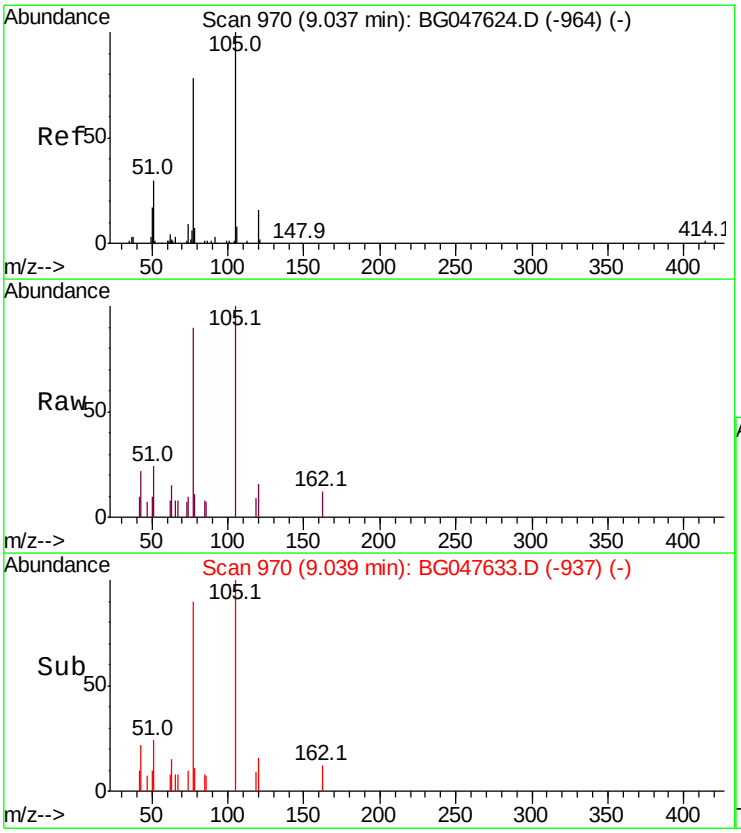
#6
Phenol
Concen: 1.336 ng/ul
RT: 7.37 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG047633.D
Acq: 8 Dec 2020 1:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 2725

Ion	Ratio	Lower	Upper
94	100		
65	28.4	35.9	53.9#
66	84.5	50.1	75.1#

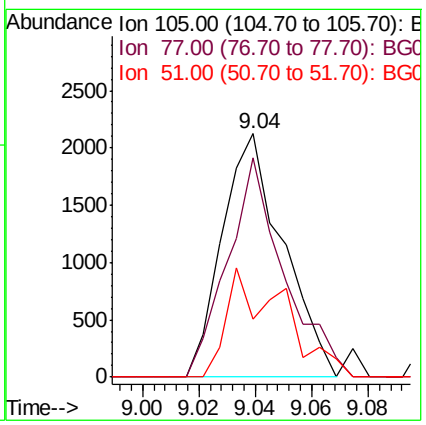


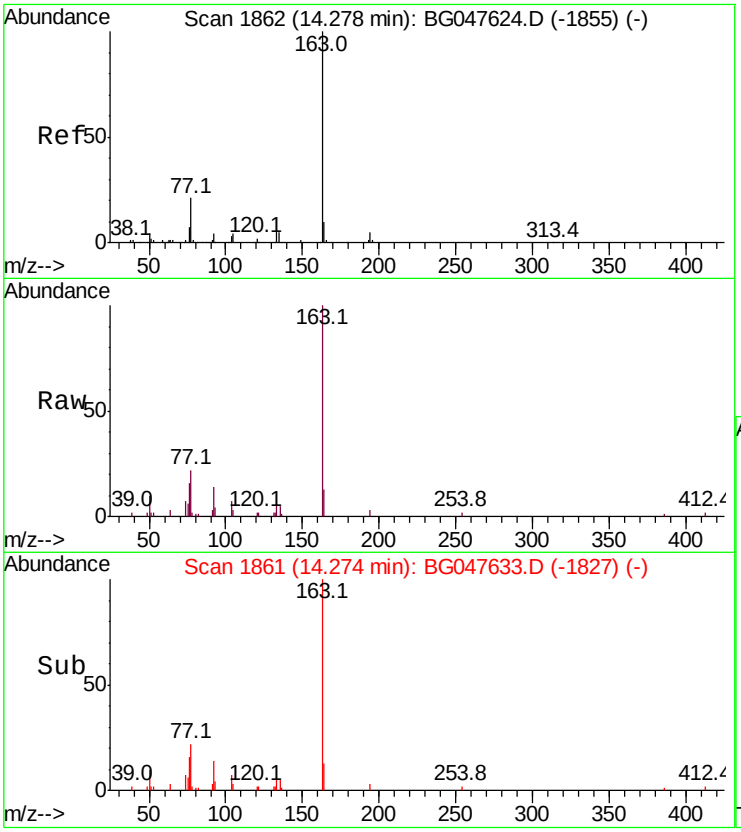


#14
Acetophenone
Concen: 1.170 ng/ul
RT: 9.04 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG047633.D
Acq: 8 Dec 2020 1:30

Tgt Ion:105 Resp: 3163

Ion	Ratio	Lower	Upper
105	100		
77	90.0	63.8	95.6
51	23.9	27.2	40.8#



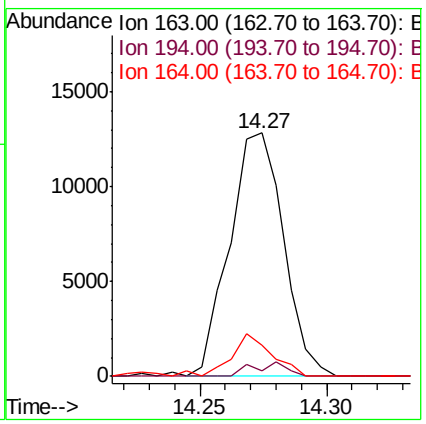


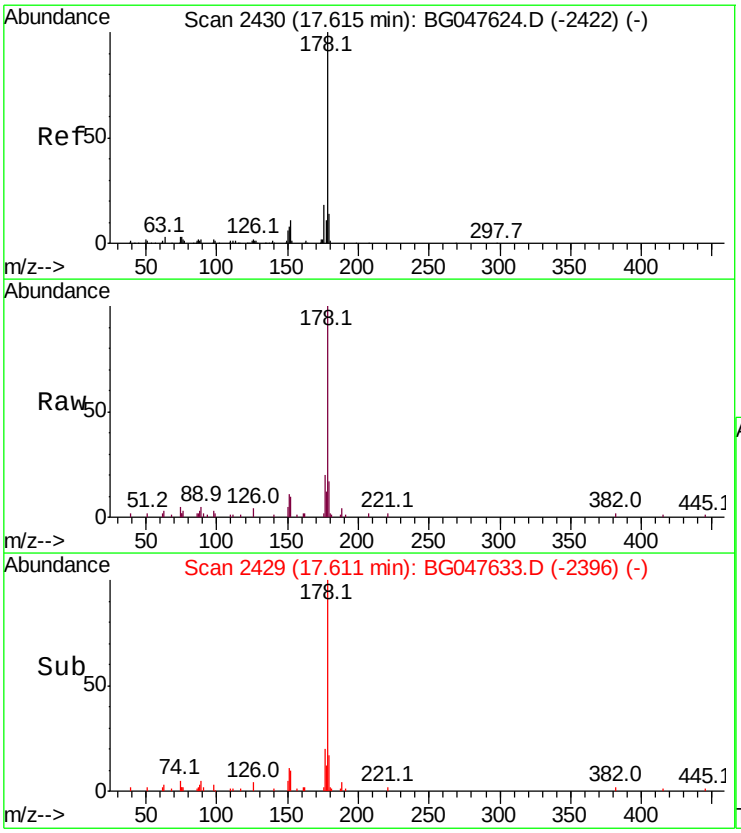
#45
Dimethylphthalate
Concen: 2.838 ng/ul
RT: 14.27 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BG047633.D
Acq: 8 Dec 2020 1:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 19062

Ion	Ratio	Lower	Upper
163	100		
194	2.5	3.9	5.9#
164	12.8	7.4	11.2#

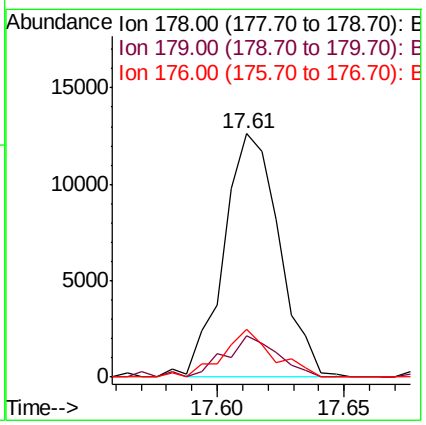


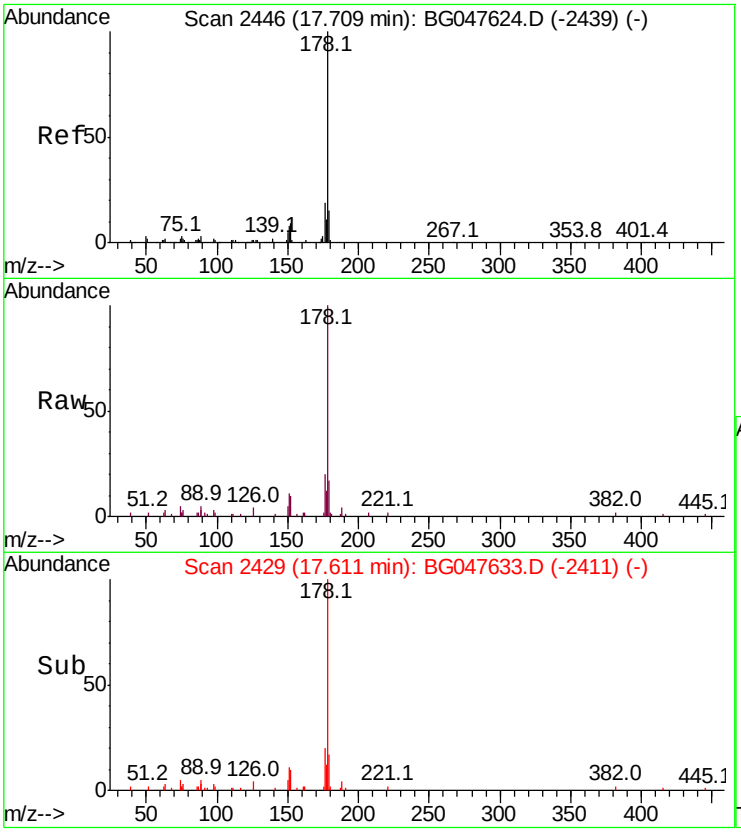


#70
Phenanthrene
Concen: 1.689 ng/ul
RT: 17.61 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG047633.D
Acq: 8 Dec 2020 1:30

Tgt Ion:178 Resp: 19083

Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.6	17.4
176	19.6	15.8	23.8



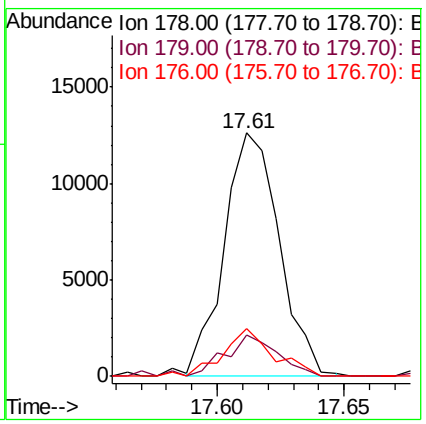


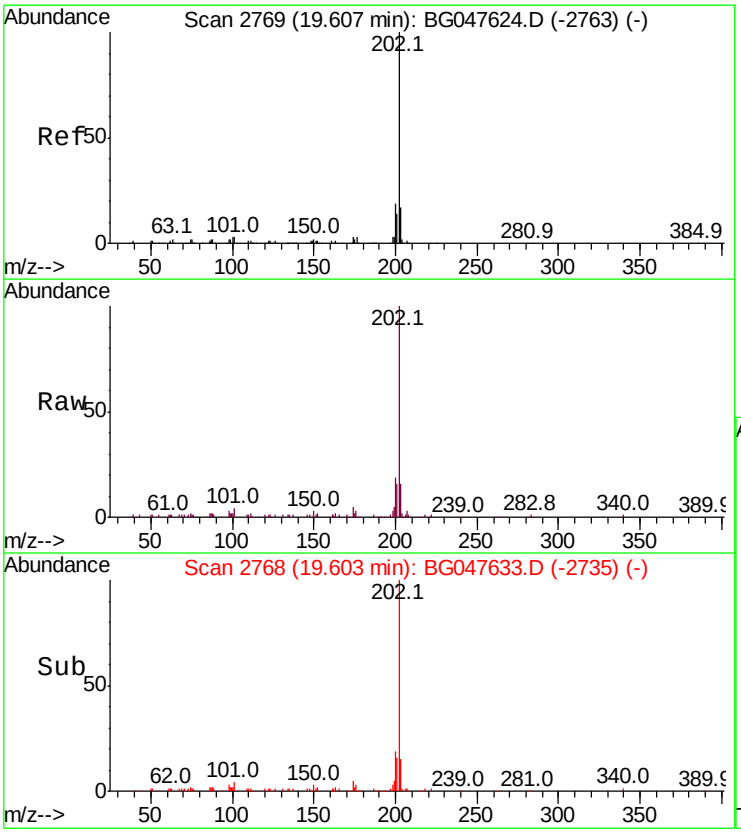
#72
Anthracene
Concen: 1.694 ng/ul
RT: 17.61 min Scan# 2429
Delta R.T. -0.09 min
Lab File: BG047633.D
Acq: 8 Dec 2020 1:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 19083

Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.2	21.2
176	19.6	16.7	25.1

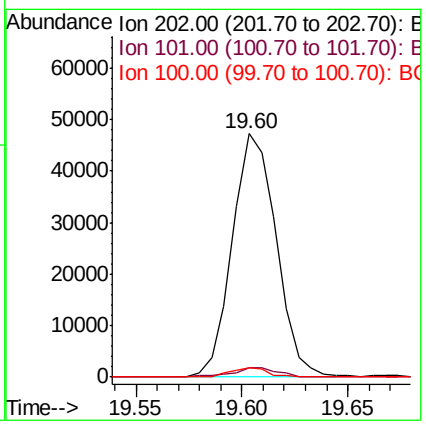


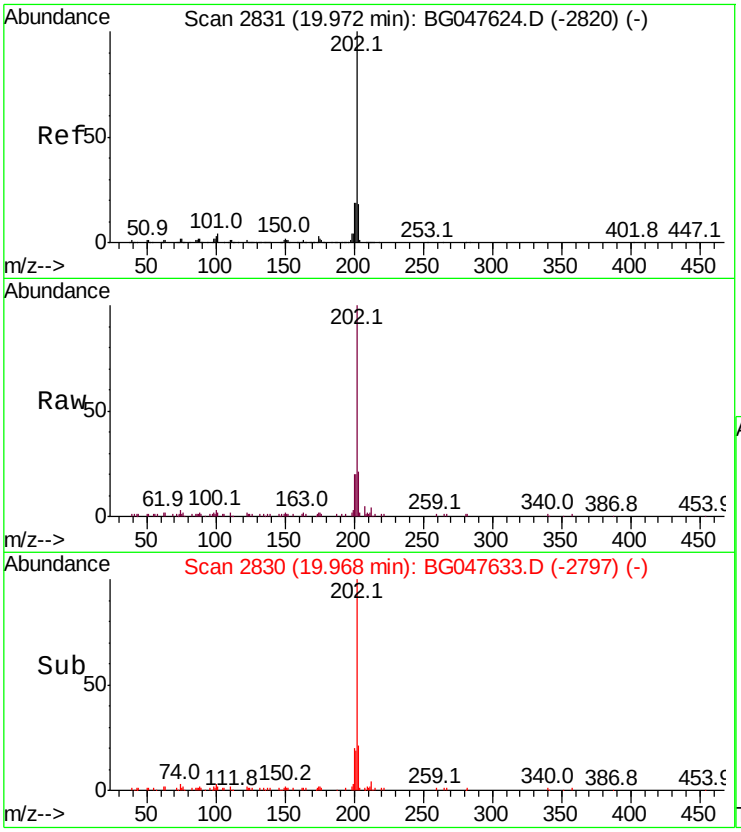


#77
Fluoranthene
Concen: 4.749 ng/ul
RT: 19.60 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BG047633.D
Acq: 8 Dec 2020 1:30

Tgt Ion:202 Resp: 68283

Ion	Ratio	Lower	Upper
202	100		
101	3.6	2.4	3.6#
100	4.0	2.6	3.8#



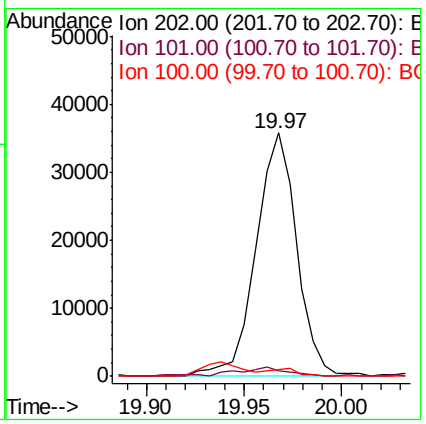


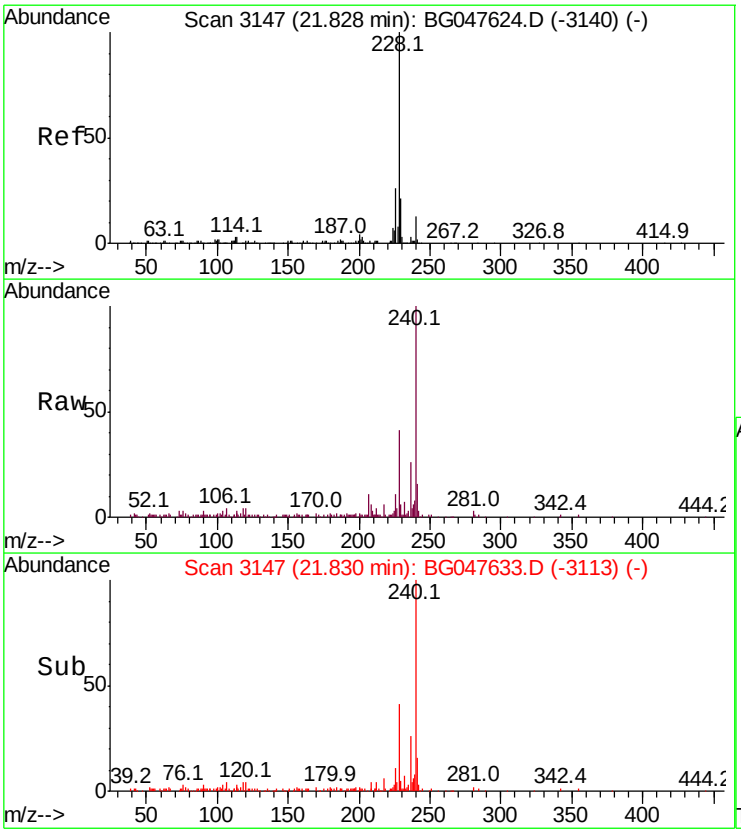
#80
Pyrene
Concen: 3.403 ng/ul
RT: 19.97 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG047633.D
Acq: 8 Dec 2020 1:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 51485

Ion	Ratio	Lower	Upper
202	100		
101	2.0	2.5	3.7#
100	2.7	2.4	3.6

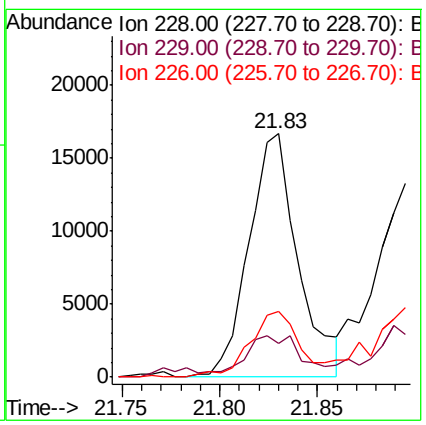


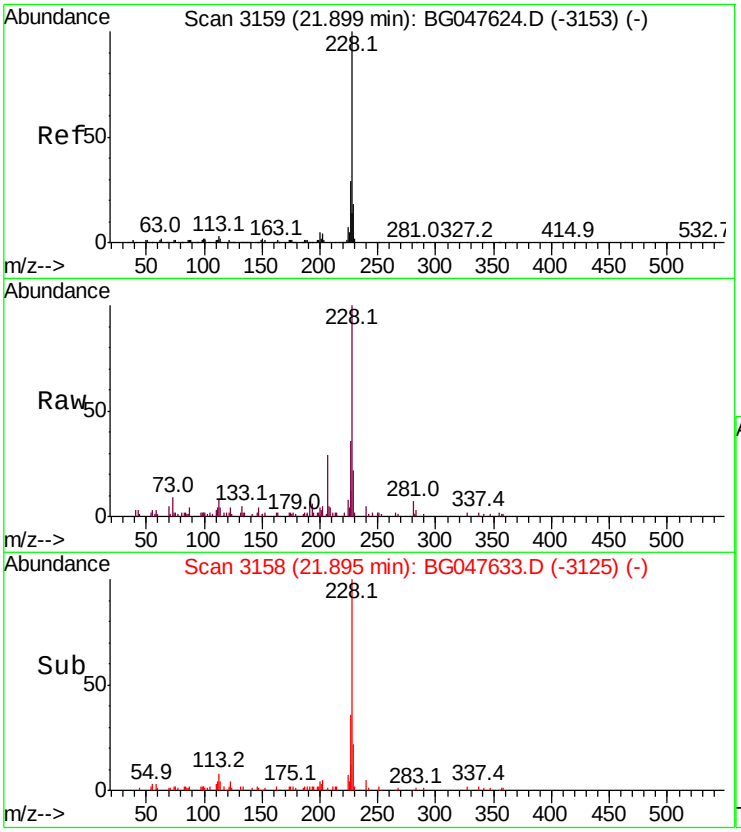


#83
Benzo(a)anthracene
Concen: 1.964 ng/ul
RT: 21.83 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG047633.D
Acq: 8 Dec 2020 1:30

Tgt Ion:228 Resp: 29182

Ion	Ratio	Lower	Upper
228	100		
229	13.9	16.0	24.0#
226	26.8	22.4	33.6



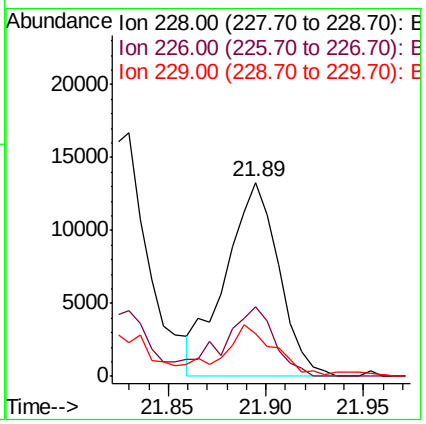


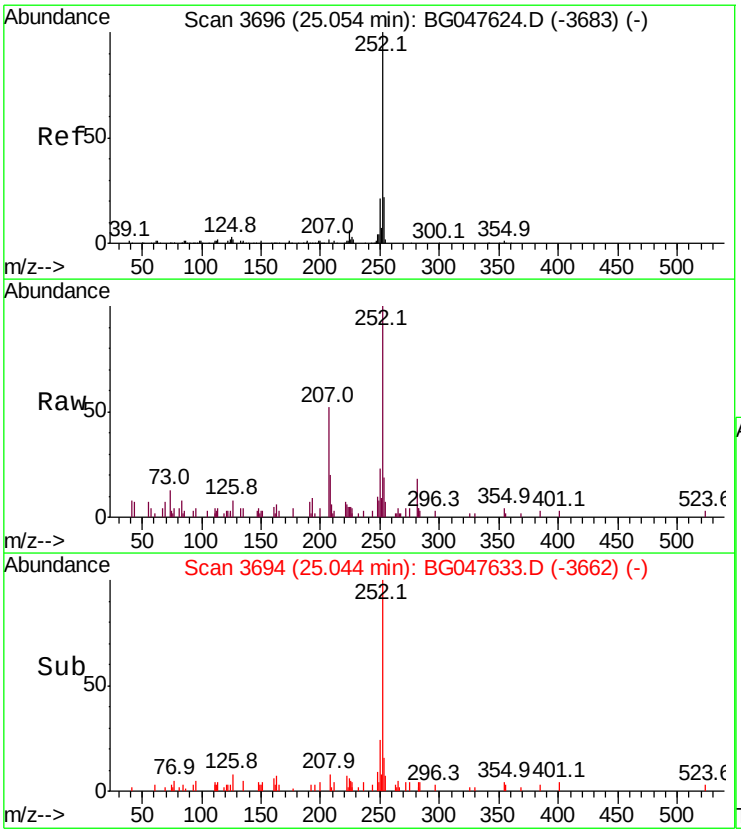
#85
Chrysene
Concen: 1.805 ng/ul
RT: 21.89 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG047633.D
Acq: 8 Dec 2020 1:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 25315

Ion	Ratio	Lower	Upper
228	100		
226	35.8	23.0	34.4#
229	22.0	15.8	23.8





#91
Benzo(a)pyrene
Concen: 1.635 ng/ul
RT: 25.04 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG047633.D
Acq: 8 Dec 2020 1:30

Tgt Ion:252 Resp: 22482

Ion	Ratio	Lower	Upper
252	100		
253	19.1	16.9	25.3
125	0.0	2.6	3.8#