Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048243.D
Acq On : 20 Feb 2021 19:25
Operator : CG/JU
Sample : M1412-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY2

Quant Time: Feb 22 05:52:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Feb 21 00:59:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51134	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	197721	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	133977	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	282263	20.00	ng/ul	0.00
78) Chrysene-d12	21.82	240	387570	20.00	ng/ul	0.06
86) Perylene-d12	25.17	264	287469	20.00	ng/ul	0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	3757	3.06	ng/uL	0.00
5) Phenol-d5	7.31	99	94460	21.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	102308	39.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	70575	23.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	76936	22.76	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	37401	25.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	47568	26.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	78131	22.33	ng/ul	0.02
29) 4-Chloroaniline-d4	11.08	131	891	0.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	229407	23.12	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	286550	23.62	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	26341	15.62	ng/ul	0.02
58) Fluorene-d10	15.73	176	202441	22.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	30066	17.37	ng/ul	0.00
71) Anthracene-d10	17.58	188	311390	25.73	ng/ul	0.00
79) Pyrene-d10	19.90	212	347392	17.95	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.93	264	346807	23.65	ng/ul	0.12
Target Compounds						Qvalue
4) Benzaldehyde	7.25	77	93433	36.888	ng/ul	92
6) Phenol	7.34	94	7679	1.726	ng/ul#	87
14) Acetophenone	8.95	105	9729	1.768	ng/ul	96
16) 4-Methylphenol	8.91	108	3829	1.103	ng/ul	84
45) Dimethylphthalate	14.19	163	19945	1.944	ng/ul#	95
70) Phenanthrene	17.53	178	32674	2.304	ng/ul#	92
80) Pyrene	19.93	202	26371	1.095	ng/ul#	92
83) Benzo(a)anthracene	21.82	228	45440	1.877	ng/ul#	6

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

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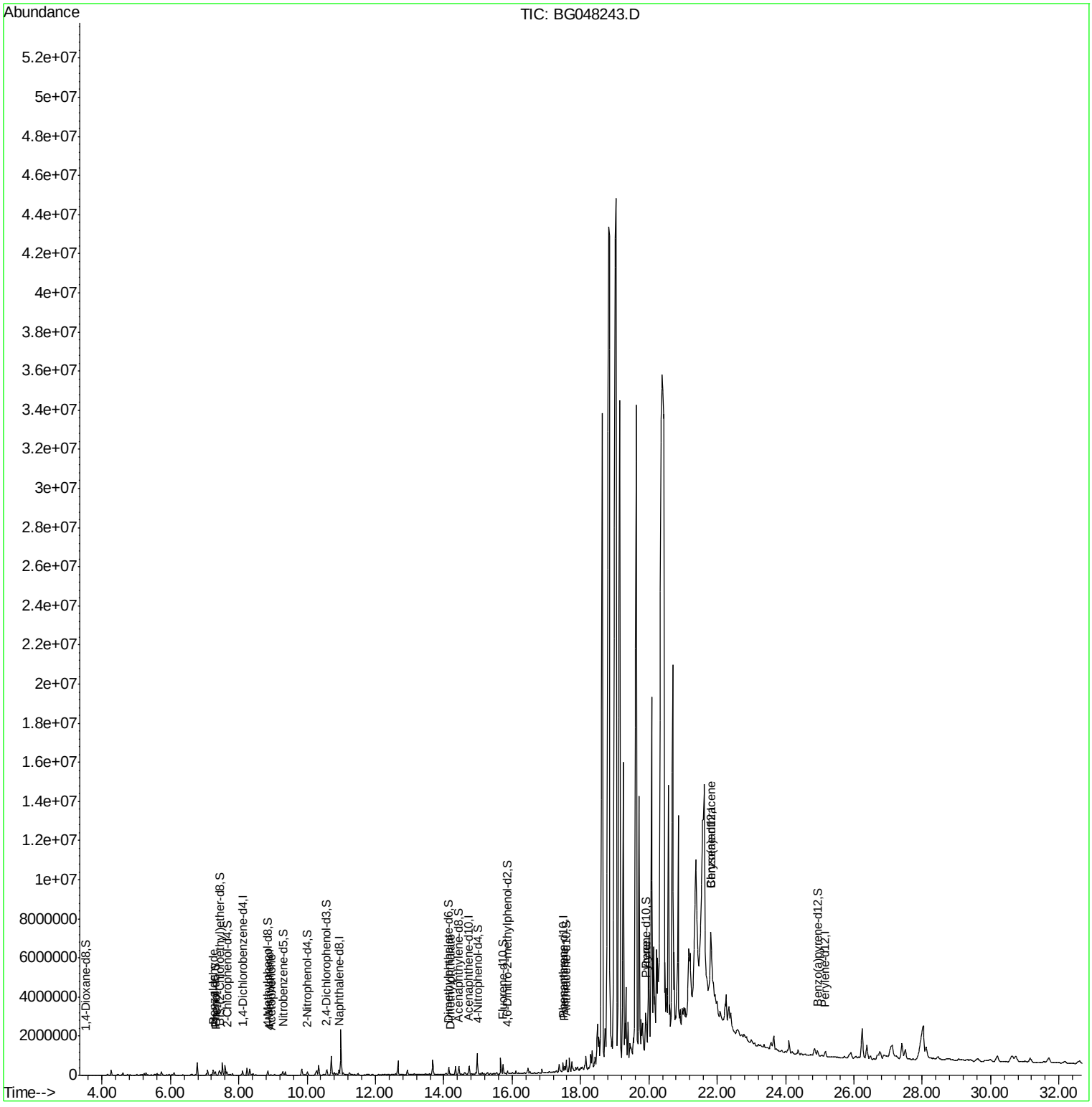
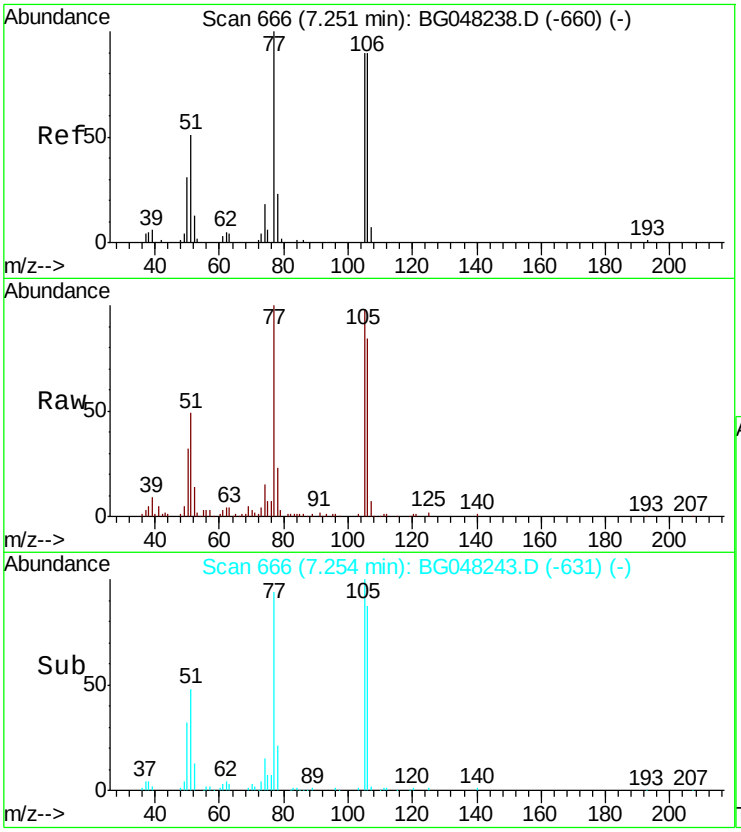


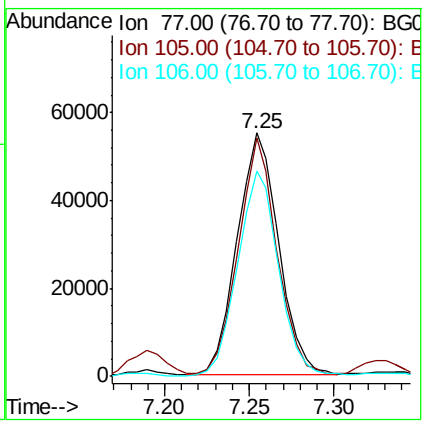


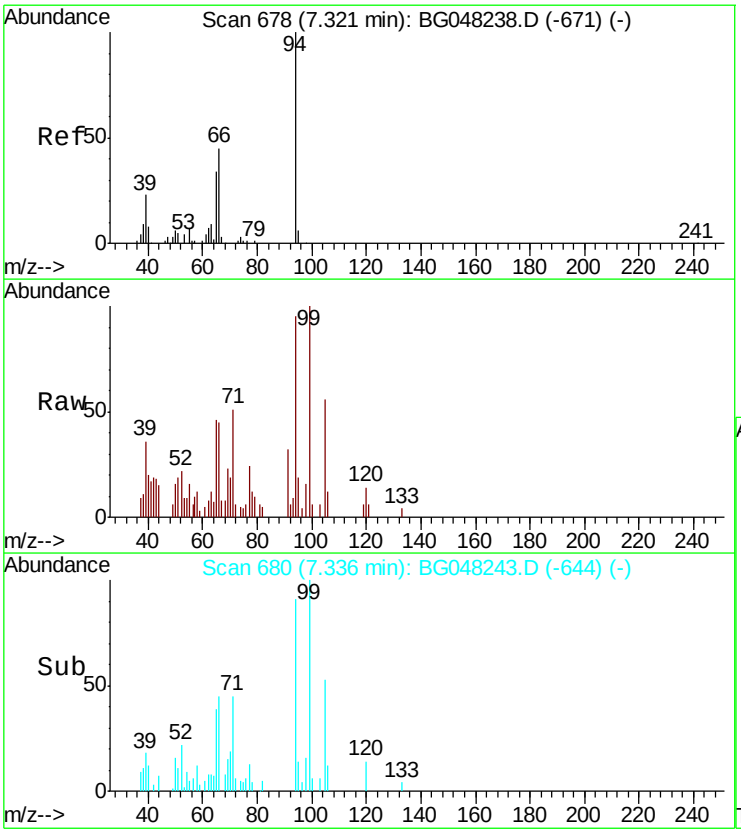
#4
Benzaldehyde
Concen: 36.888 ng/ul
RT: 7.25 min Scan# 666
Delta R.T. 0.00 min
Lab File: BG048243.D
Acq: 20 Feb 2021 19:25

Instrument :
BNA_G
ClientSampleId :
DBGY2

Tgt Ion: 77 Resp: 93433

Ion	Ratio	Lower	Upper
77	100		
105	97.9	70.6	105.8
106	84.4	64.4	96.6

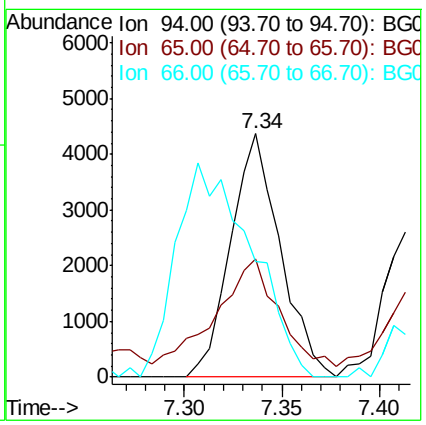


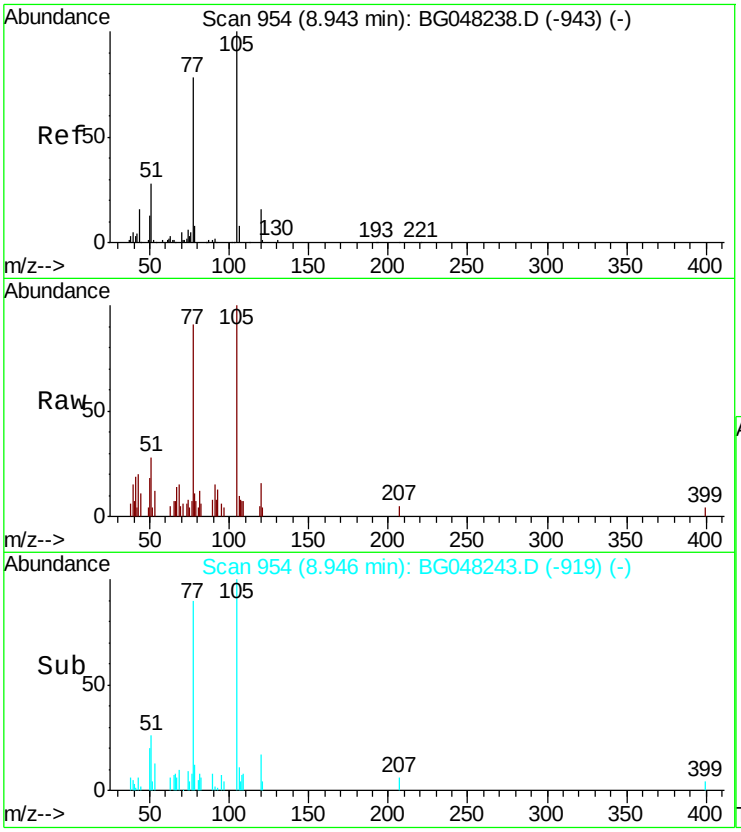


#6
Phenol
Concen: 1.726 ng/ul
RT: 7.34 min Scan# 680
Delta R.T. 0.01 min
Lab File: BG048243.D
Acq: 20 Feb 2021 19:25

Tgt Ion: 94 Resp: 7679

Ion	Ratio	Lower	Upper
94	100		
65	48.5	27.1	40.7#
66	47.4	40.1	60.1



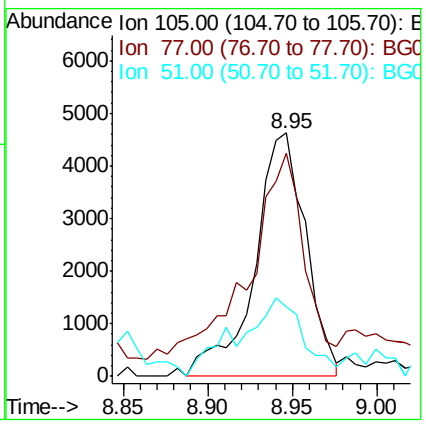


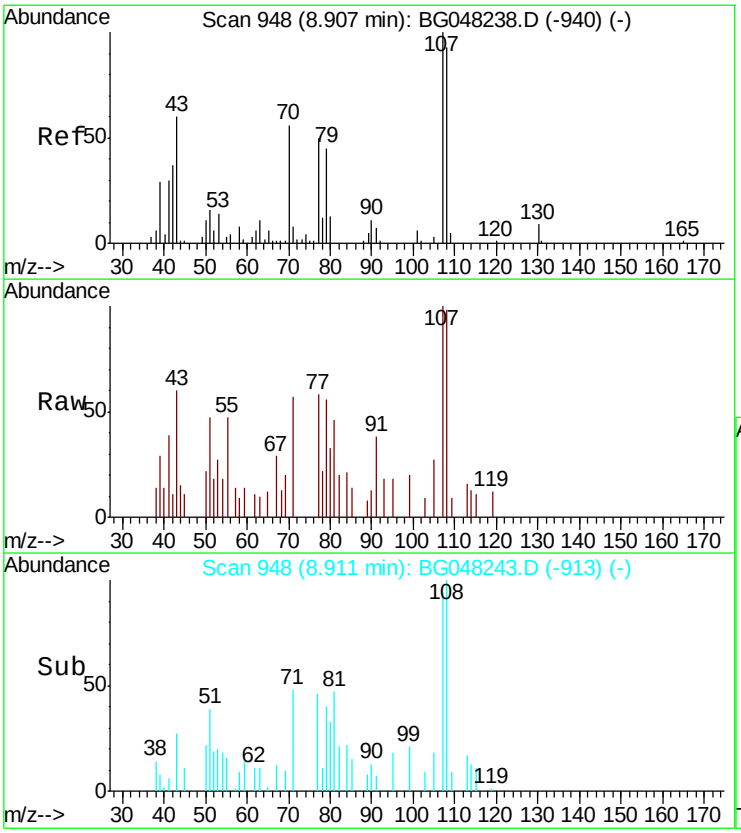
#14
Acetophenone
Concen: 1.768 ng/ul
RT: 8.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG048243.D
Acq: 20 Feb 2021 19:25

Instrument :
BNA_G
ClientSampleId :
DBGY2

Tgt Ion:105 Resp: 9729

Ion	Ratio	Lower	Upper
105	100		
77	91.4	70.9	106.3
51	28.4	26.4	39.6

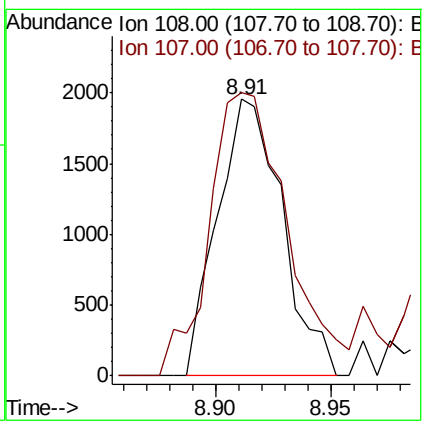


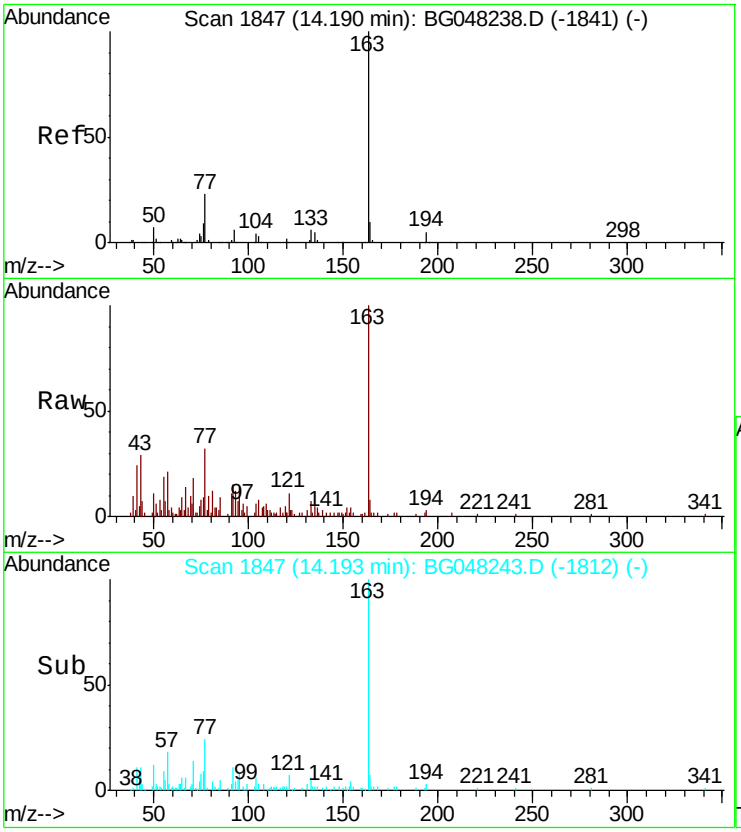


#16
4-Methylphenol
Concen: 1.103 ng/ul
RT: 8.91 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG048243.D
Acq: 20 Feb 2021 19:25

Tgt Ion:108 Resp: 3829

Ion	Ratio	Lower	Upper
108	100		
107	102.3	95.8	143.8



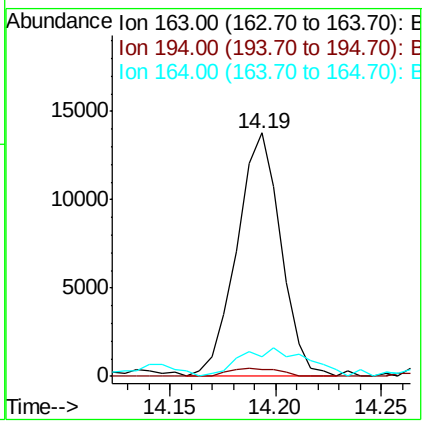


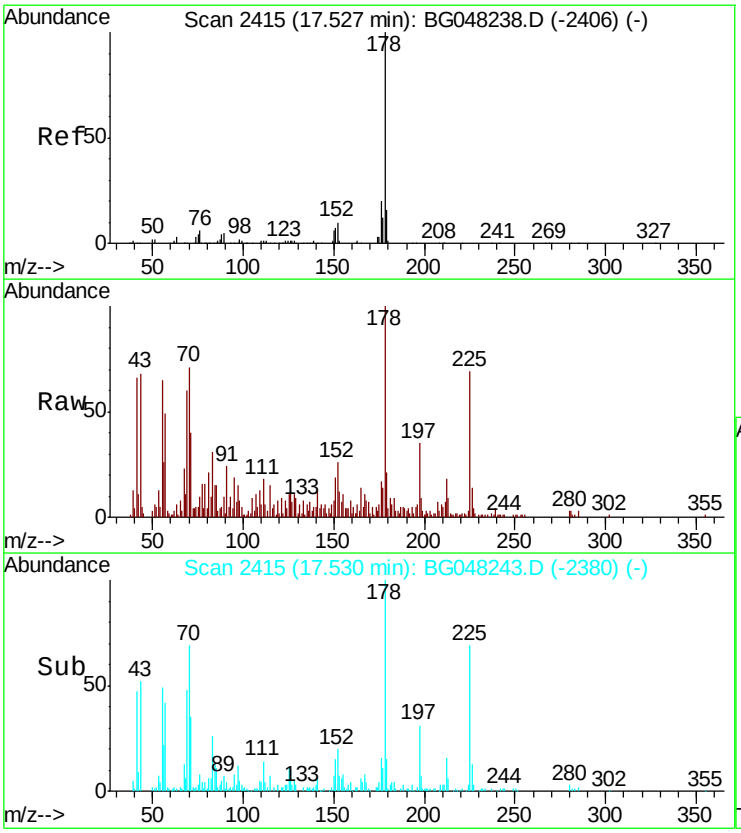
#45
Dimethylphthalate
Concen: 1.944 ng/ul
RT: 14.19 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG048243.D
Acq: 20 Feb 2021 19:25

Instrument :
BNA_G
ClientSampleId :
DBGY2

Tgt Ion:163 Resp: 19945

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.3	4.9#
164	8.2	8.3	12.5#

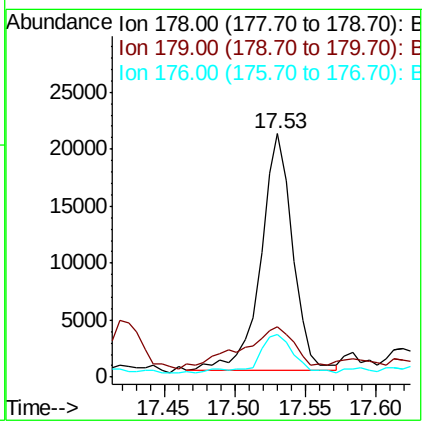


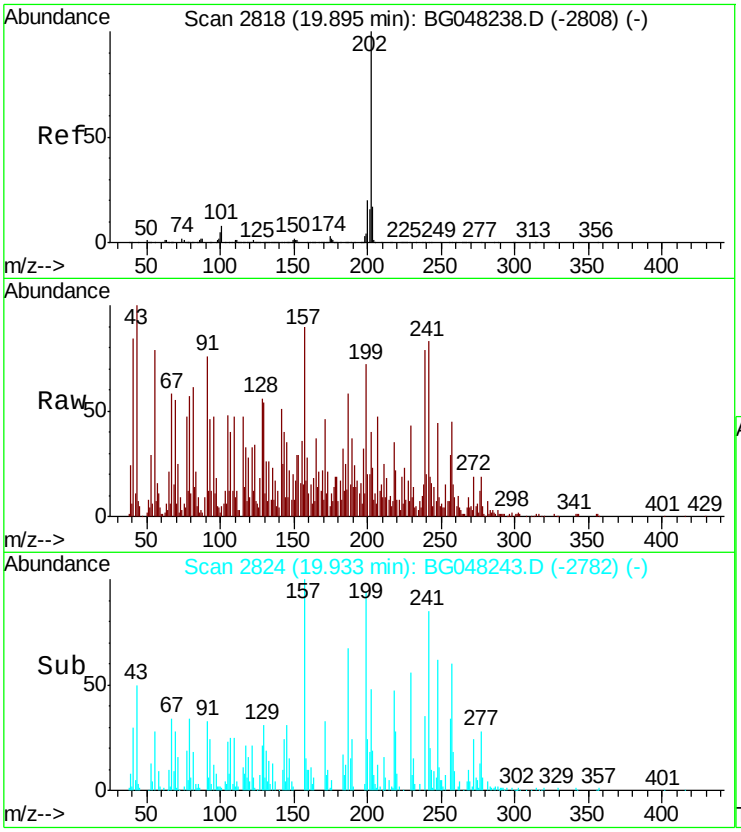


#70
Phenanthrene
Concen: 2.304 ng/ul
RT: 17.53 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG048243.D
Acq: 20 Feb 2021 19:25

Tgt Ion:178 Resp: 32674

Ion	Ratio	Lower	Upper
178	100		
179	20.8	11.8	17.6#
176	17.3	14.9	22.3



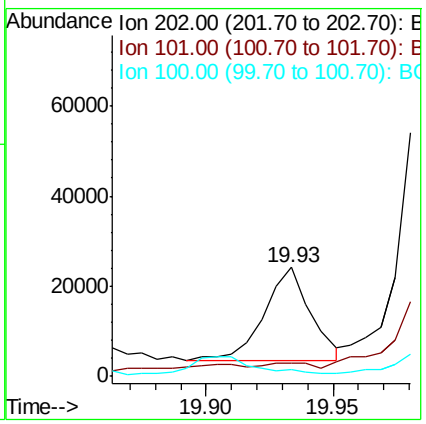


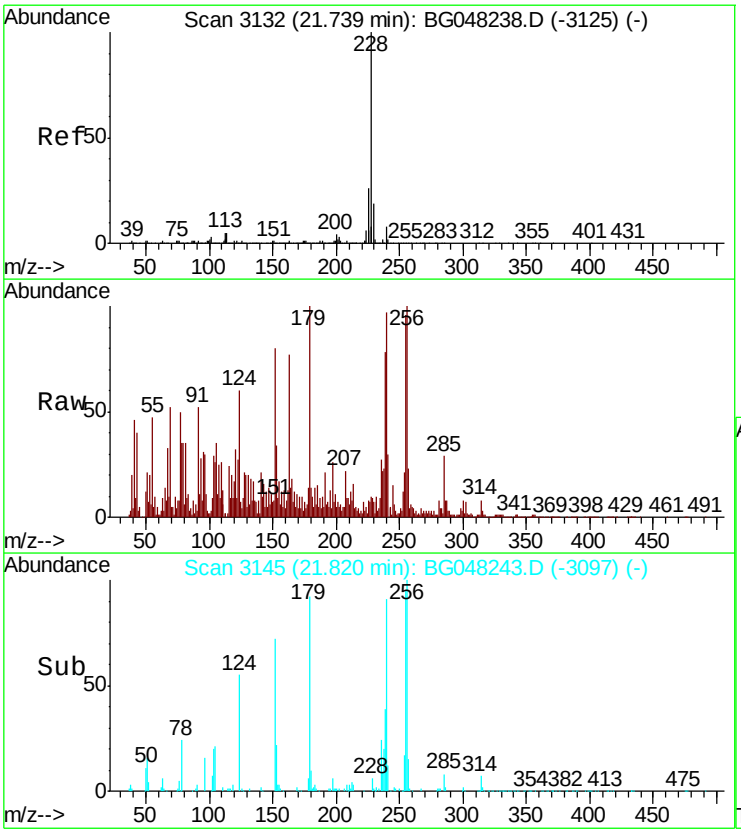
#80
Pyrene
Concen: 1.095 ng/ul
RT: 19.93 min Scan# 2824
Delta R.T. 0.04 min
Lab File: BG048243.D
Acq: 20 Feb 2021 19:25

Instrument :
BNA_G
ClientSampleId :
DBGY2

Tgt Ion:202 Resp: 26371

Ion	Ratio	Lower	Upper
202	100		
101	12.1	5.6	8.4#
100	5.9	4.6	7.0





#83
Benzo(a)anthracene
Concen: 1.877 ng/ul
RT: 21.82 min Scan# 3145
Delta R.T. 0.08 min
Lab File: BG048243.D
Acq: 20 Feb 2021 19:25

Tgt Ion:228 Resp: 45440

Ion	Ratio	Lower	Upper
228	100		
229	75.4	17.2	25.8#
226	69.5	22.3	33.5#