Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047335.D
Acq On : 16 Nov 2020 18:18
Operator : CG/JU
Sample : L4762-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC7

Quant Time: Nov 17 01:27:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	55139	20.00	ng/ul	0.01
18) Naphthalene-d8	10.83	136	213221	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.66	164	136194	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	257354	20.00	ng/ul	0.01
78) Chrysene-d12	21.67	240	256412	20.00	ng/ul	0.02
86) Perylene-d12	24.90	264	244524	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	9248	6.76	ng/uL	0.01
5) Phenol-d5	7.19	99	231654	48.41	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	131428	47.75	ng/ul	0.02
9) 2-Chlorophenol-d4	7.55	132	189289	50.87	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	189822	49.72	ng/ul	0.02
19) Nitrobenzene-d5	9.19	128	95963	53.69	ng/ul	0.02
22) 2-Nitrophenol-d4	9.91	143	81934	39.24	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.45	165	210637	51.71	ng/ul	0.02
29) 4-Chloroaniline-d4	10.97	131	215211	61.95	ng/ul	0.02
44) Dimethylphthalate-d6	14.06	166	568603	50.78	ng/ul	0.01
47) Acenaphthylene-d8	14.35	160	711943	53.73	ng/ul	0.01
52) 4-Nitrophenol-d4	14.87	143	75560	42.86	ng/ul	0.02
58) Fluorene-d10	15.65	176	484941	46.64	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.75	200	182	0.10	ng/ul	0.00
71) Anthracene-d10	17.51	188	674253	54.06	ng/ul	0.02
79) Pyrene-d10	19.79	212	733020	50.12	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.68	264	762984	56.76	ng/ul	0.05
Target Compounds						Qvalue
15) N-Nitroso-di-n-propylamine	8.73	70	5607	1.777	ng/ul#	1
28) Naphthalene	10.88	128	19744	1.648	ng/ul	97
34) 2-Methylnaphthalene	12.49	142	38415	4.495	ng/ul	99
35) 1-Methylnaphthalene	12.70	142	22358	2.233	ng/uL	100
45) Dimethylphthalate	14.10	163	115626	10.289	ng/ul	99
70) Phenanthrene	17.45	178	39700	2.750	ng/ul	97
72) Anthracene	17.45	178	41755	2.879	ng/ul	96

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

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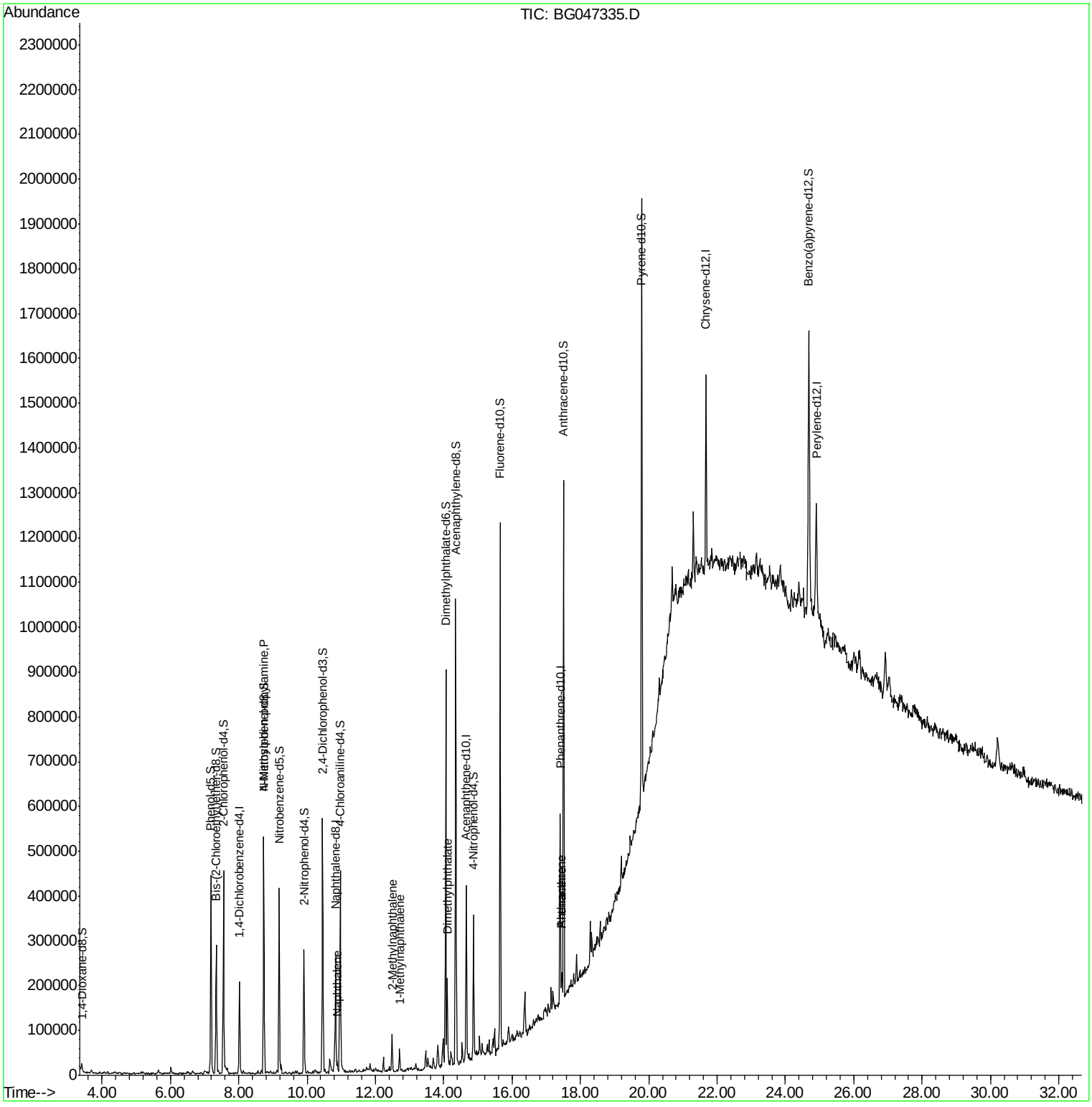
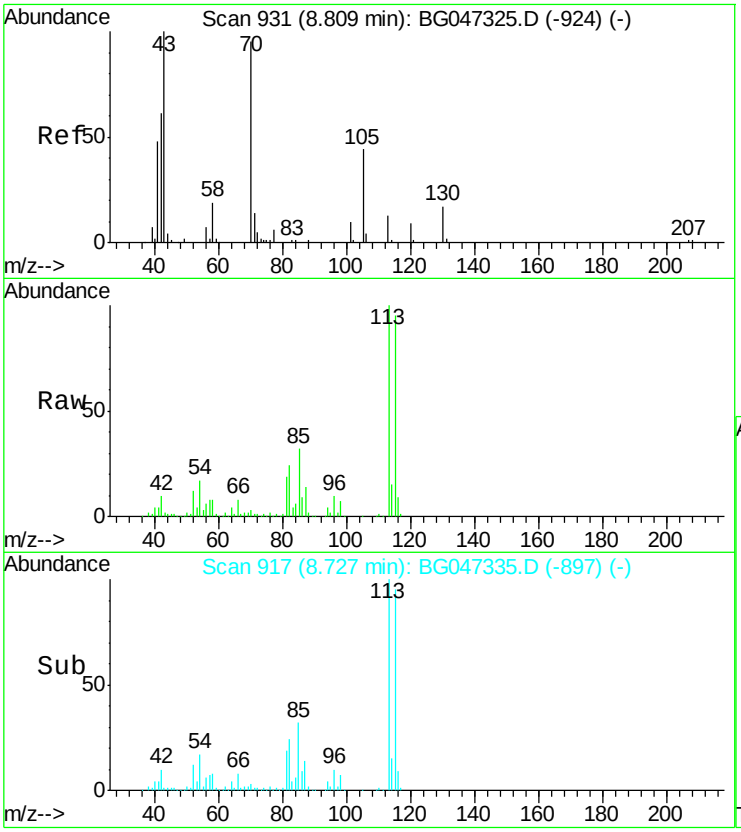


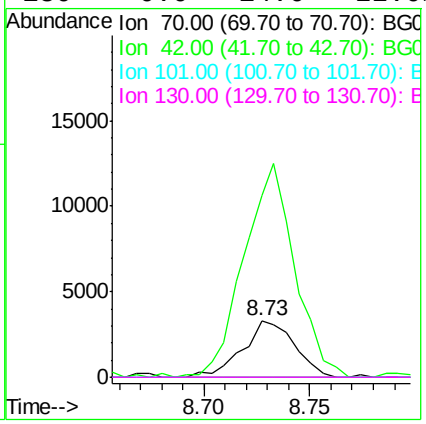


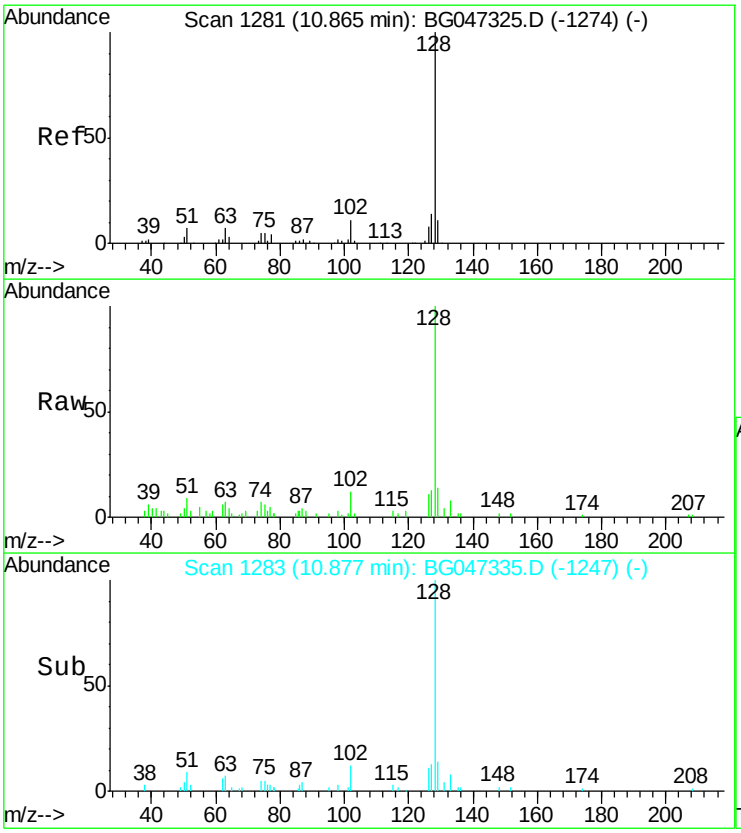
#15
N-Nitroso-di-n-propylamine
Concen: 1.777 ng/ul
RT: 8.73 min Scan# 917
Delta R.T. -0.08 min
Lab File: BG047335.D
Acq: 16 Nov 2020 18:18

Instrument :
BNA_G
ClientSampleId :
C0AC7

Tgt Ion: 70 Resp: 5607

Ion	Ratio	Lower	Upper
70	100		
42	321.6	45.3	67.9#
101	0.0	9.5	14.3#
130	0.0	14.6	22.0#

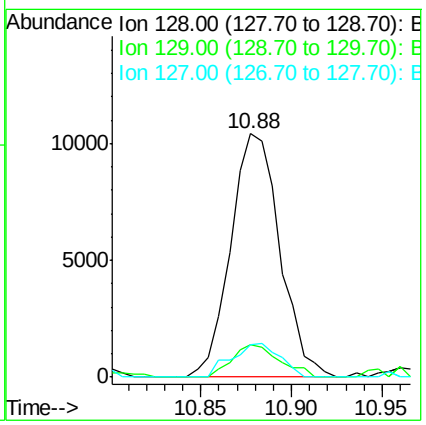


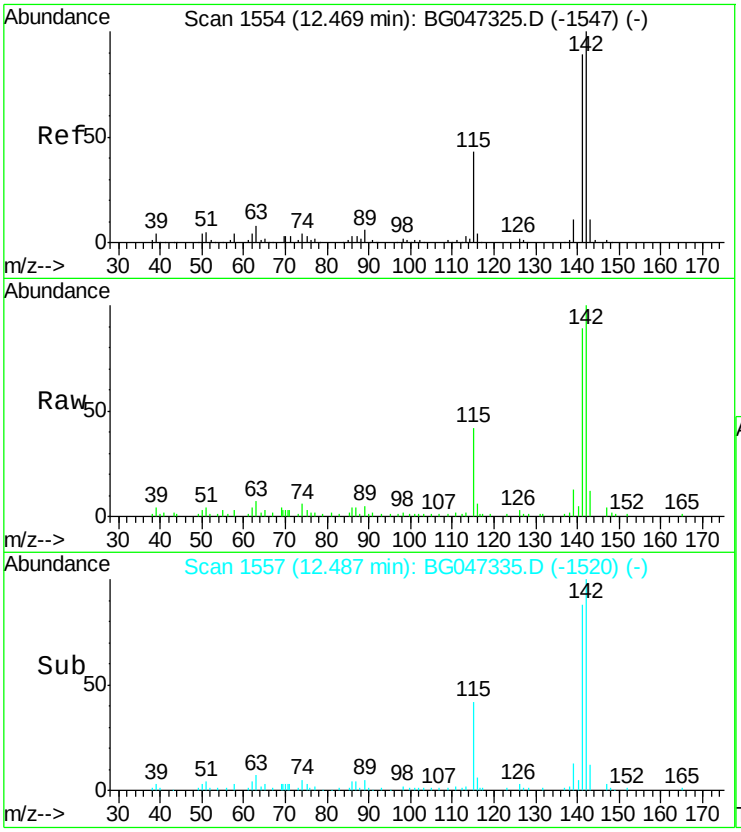


#28
Naphthalene
Concen: 1.648 ng/ul
RT: 10.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BG047335.D
Acq: 16 Nov 2020 18:18

Tgt Ion:128 Resp: 19744

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.4	14.2
127	13.4	11.5	17.3



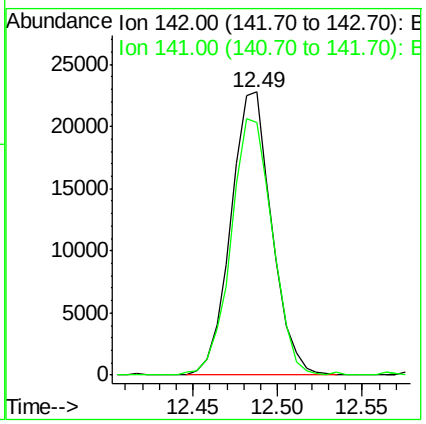


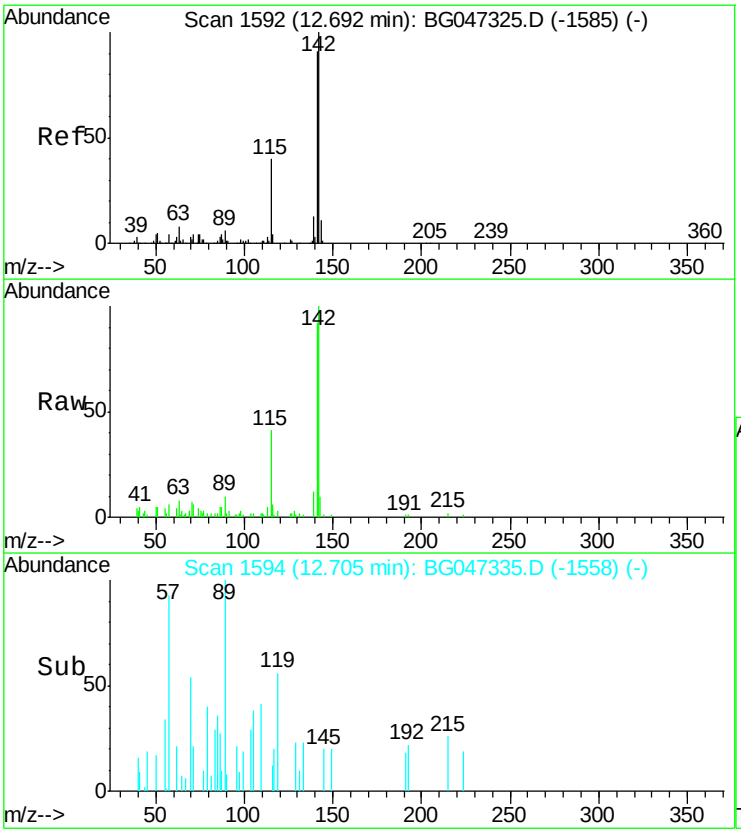
#34
2-Methylnaphthalene
Concen: 4.495 ng/ul
RT: 12.49 min Scan# 1557
Delta R.T. 0.02 min
Lab File: BG047335.D
Acq: 16 Nov 2020 18:18

Instrument :
BNA_G
ClientSampleId :
C0AC7

Tgt Ion:142 Resp: 38415

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.4	108.6

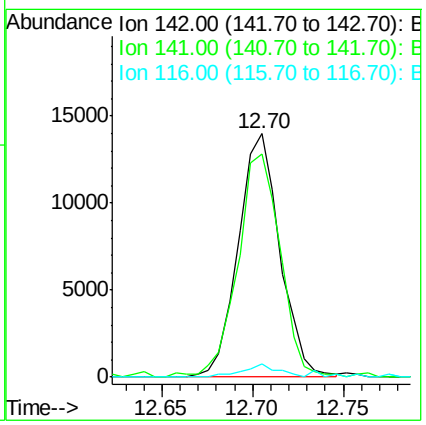


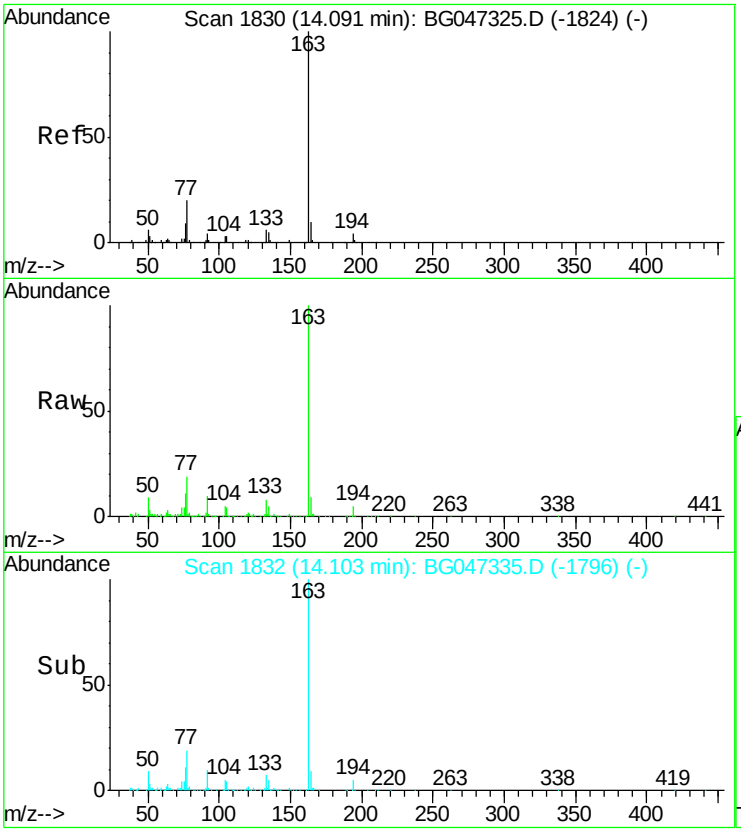


#35
1-Methylnaphthalene
Concen: 2.233 ng/uL
RT: 12.70 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BG047335.D
Acq: 16 Nov 2020 18:18

Tgt Ion:142 Resp: 22358

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.9	110.9
116	4.6	3.6	5.4



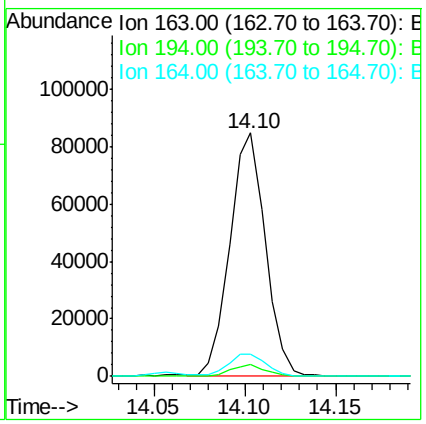


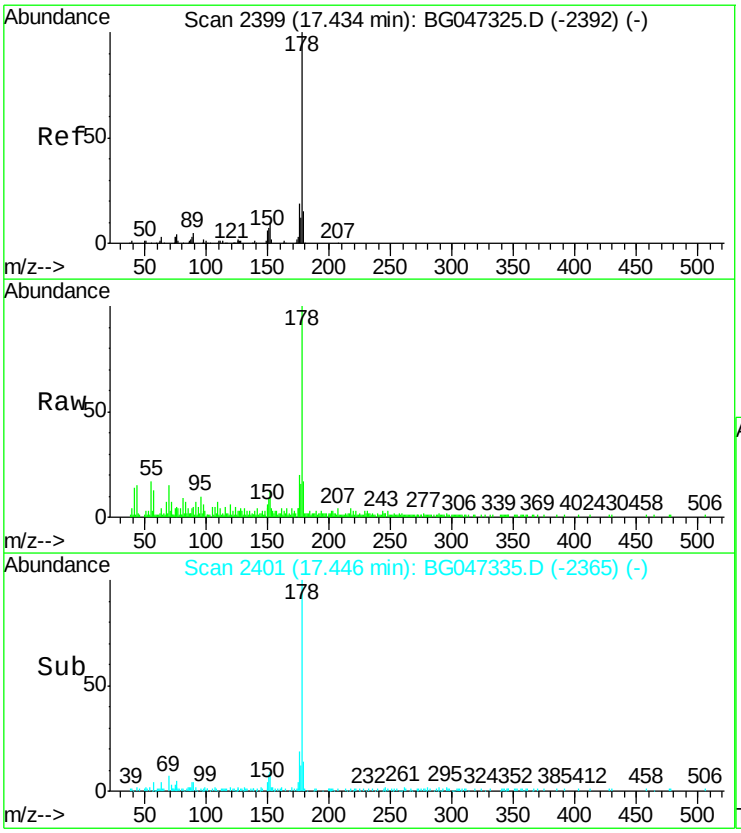
#45
Dimethylphthalate
Concen: 10.289 ng/ul
RT: 14.10 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BG047335.D
Acq: 16 Nov 2020 18:18

Instrument :
BNA_G
ClientSampleId :
C0AC7

Tgt Ion:163 Resp: 115626

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	9.2	7.2	10.8

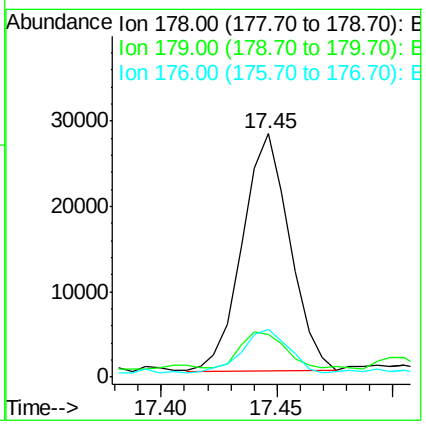


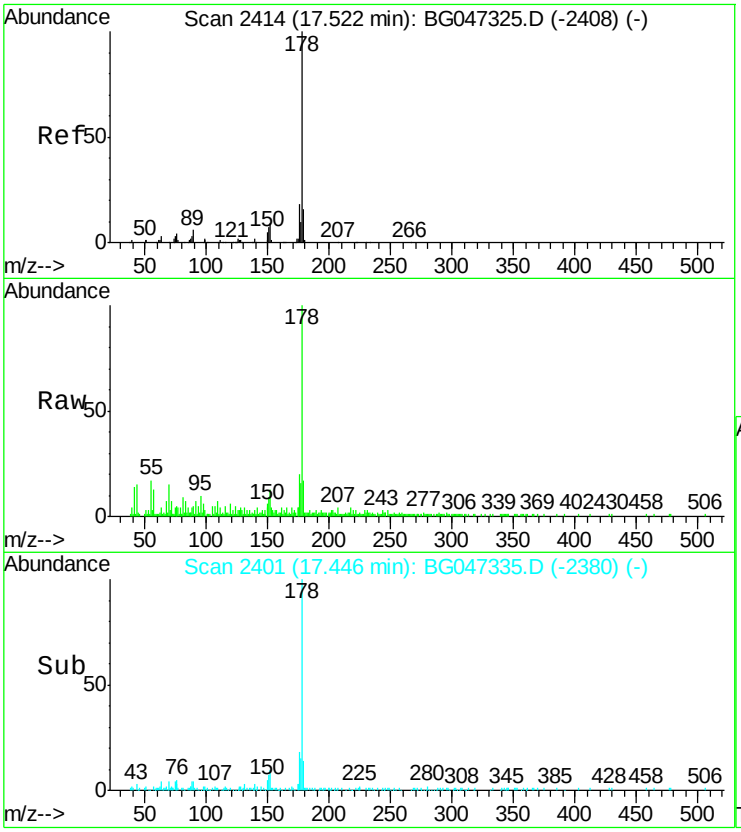


#70
Phenanthrene
Concen: 2.750 ng/ul
RT: 17.45 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BG047335.D
Acq: 16 Nov 2020 18:18

Tgt Ion:178 Resp: 39700

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.2	18.4
176	19.9	16.5	24.7





#72
Anthracene
Concen: 2.879 ng/ul
RT: 17.45 min Scan# 2401
Delta R.T. -0.08 min
Lab File: BG047335.D
Acq: 16 Nov 2020 18:18

Instrument :
BNA_G
ClientSampleId :
C0AC7

Tgt Ion:178 Resp: 41755

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.4	18.6
176	19.9	14.4	21.6