Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047423.D
Acq On : 23 Nov 2020 19:12
Operator : CG/JU
Sample : L4749-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B12

Quant Time: Nov 24 00:56:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	35742	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	143231	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	104899	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	157004	20.00	ng/ul	0.10
78) Chrysene-d12	21.90	240	209577	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	217088	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1225	1.25	ng/uL	0.00
5) Phenol-d5	7.40	99	36139	10.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	21540	10.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	28458	11.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	24810	9.01	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15020	12.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16316	12.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	37566	12.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	22955	7.68	ng/ul	-0.01
44) Dimethylphthalate-d6	14.28	166	113912	12.65	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	138282	13.29	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13493	9.82	ng/ul	0.00
58) Fluorene-d10	15.87	176	103936	12.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	8686	9.72	ng/ul	0.00
71) Anthracene-d10	17.72	188	157004	20.16	ng/ul	0.00
79) Pyrene-d10	19.98	212	175281	14.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	168411	13.48	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.44	94	5858	1.706	ng/ul#	83
45) Dimethylphthalate	14.32	163	17795	1.937	ng/ul#	93
64) 4,6-Dinitro-2-methylphenol	15.91	198	1295	1.385	ng/ul#	47
70) Phenanthrene	17.66	178	169549	19.997	ng/ul	96
72) Anthracene	17.75	178	11871	1.390	ng/ul	96
75) Carbazole	18.01	167	14386	2.089	ng/ul	97
77) Fluoranthene	19.65	202	564375	52.707	ng/ul	99
80) Pyrene	20.01	202	451065	30.384	ng/ul	98
81) Butylbenzylphthalate	20.88	149	23249	4.459	ng/ul#	79
83) Benzo(a)anthracene	21.89	228	198059	13.282	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	14576	2.006	ng/ul	93
85) Chrysene	21.95	228	295384	20.816	ng/ul	96
88) Benzo(b)fluoranthene	24.22	252	448721	29.275	ng/ul	94
89) Benzo(k)fluoranthene	24.22	252	448721	29.707	ng/ul	98
91) Benzo(a)pyrene	24.99	252	197490	14.454	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.22	276	197614	11.890	ng/ul	98
94) Benzo(g,h,i)perylene	30.45	276	174679	12.737	ng/ul	94

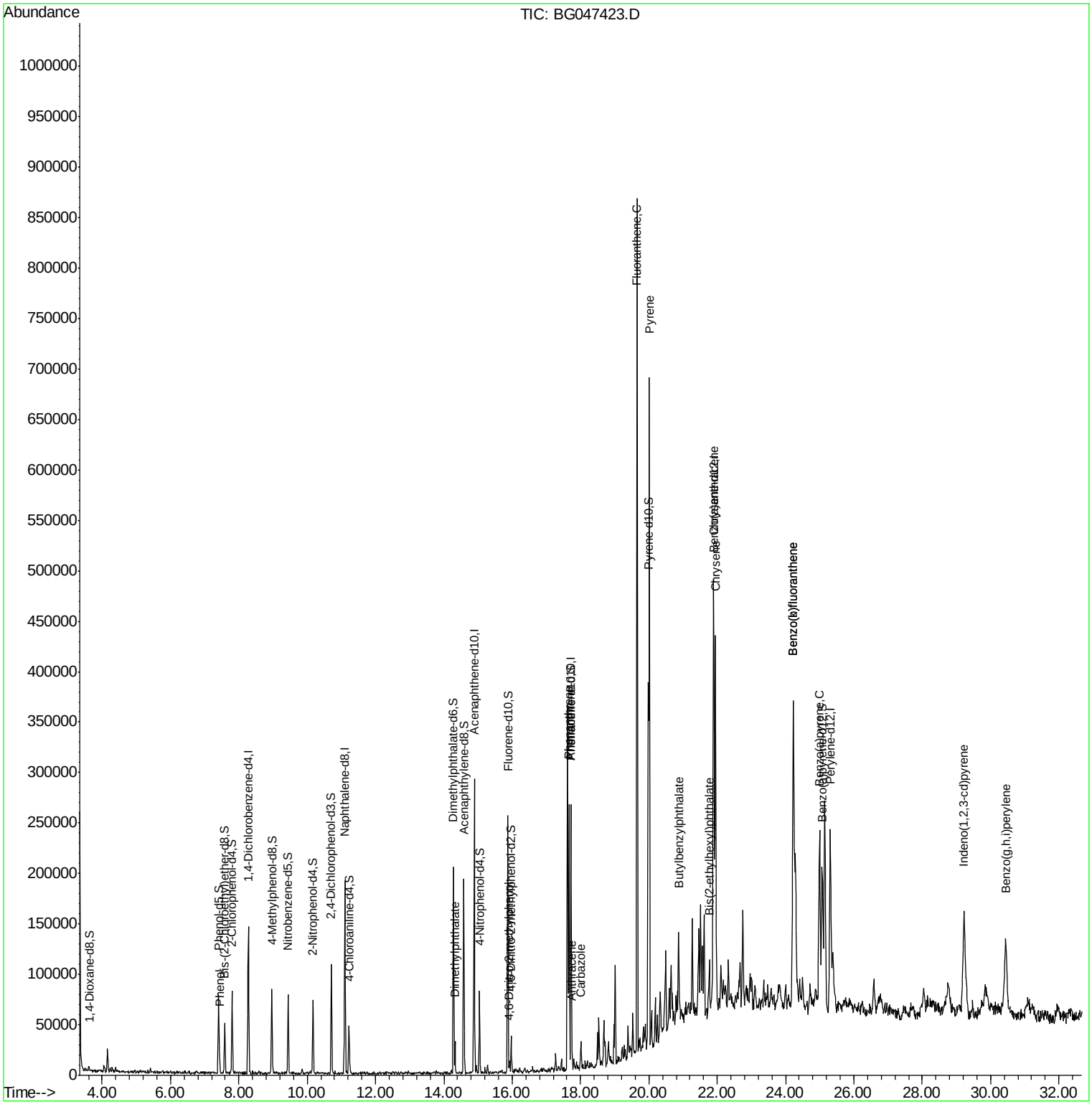
(#) = qualifier out of range (m) = manual integration (+) = signals summed

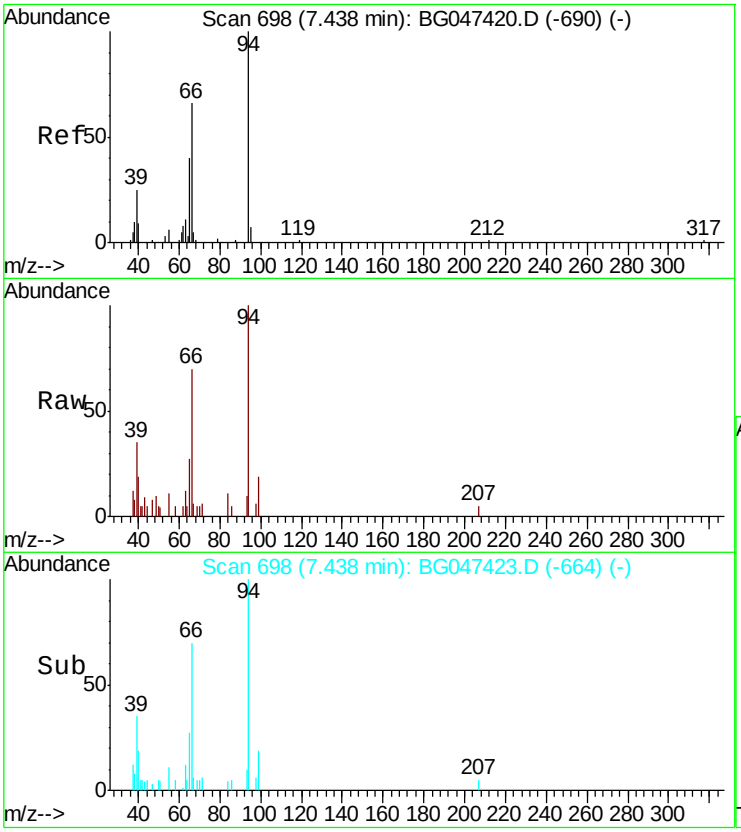
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047423.D
Acq On : 23 Nov 2020 19:12
Operator : CG/JU
Sample : L4749-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B12

Quant Time: Nov 24 00:56:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration



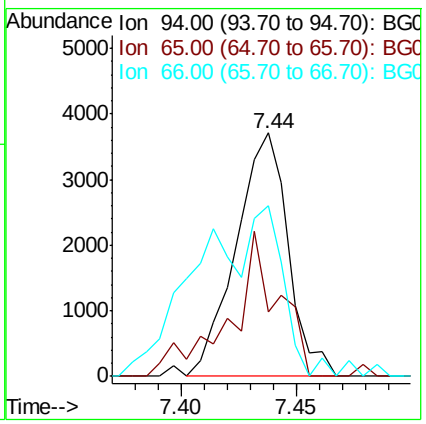


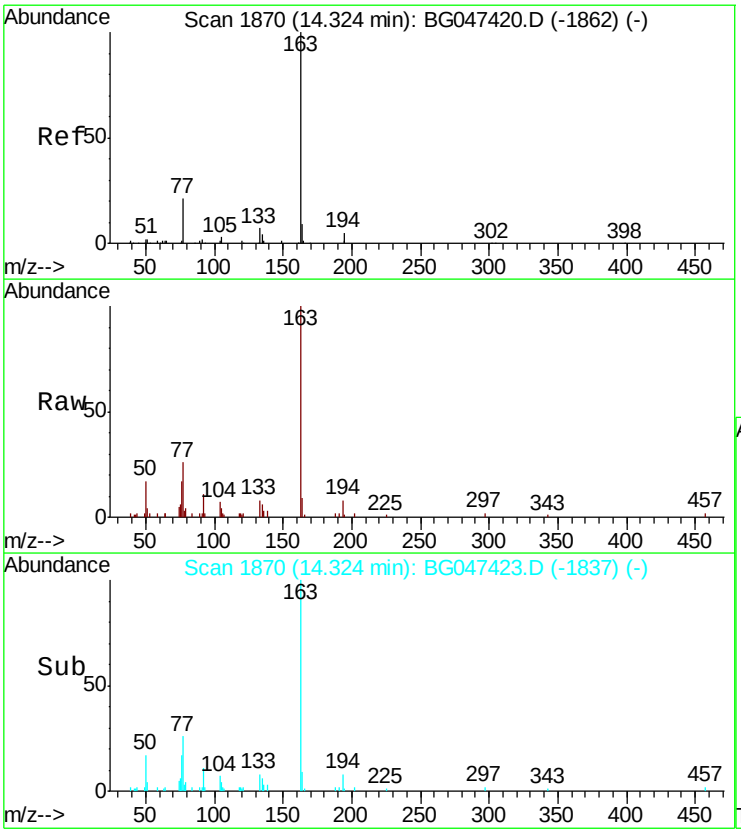
#6
Phenol
Concen: 1.706 ng/ul
RT: 7.44 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Instrument :
BNA_G
ClientSampleId :
C0B12

Tgt Ion: 94 Resp: 5858

Ion	Ratio	Lower	Upper
94	100		
65	26.5	37.8	56.8#
66	70.1	51.6	77.4

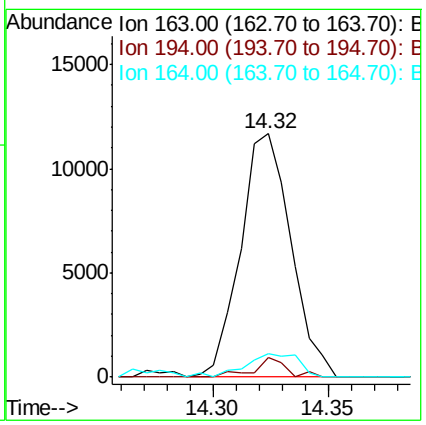


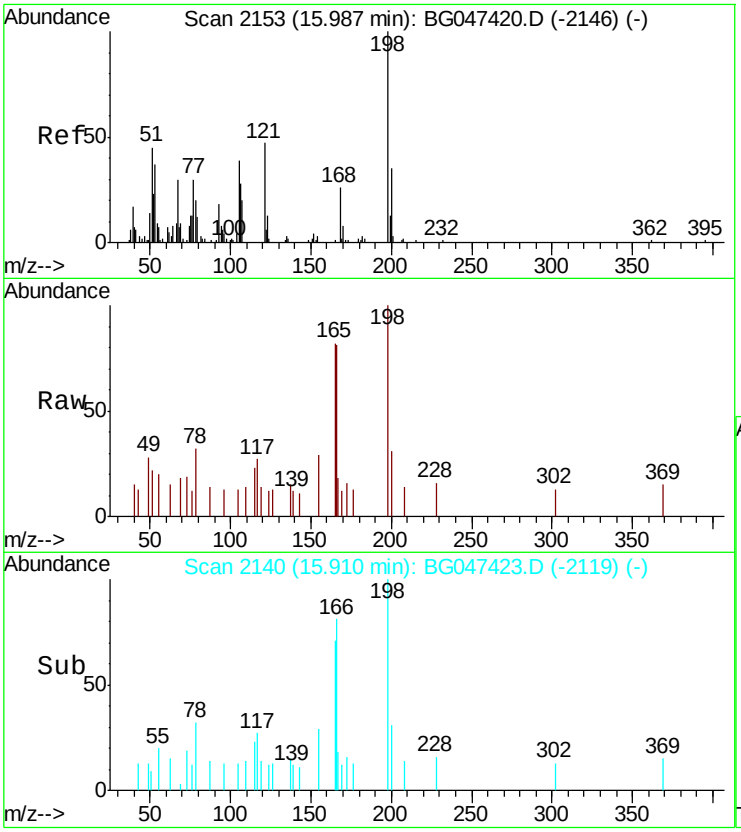


#45
Dimethylphthalate
Concen: 1.937 ng/ul
RT: 14.32 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Tgt Ion:163 Resp: 17795

Ion	Ratio	Lower	Upper
163	100		
194	9.3	3.6	5.4#
164	9.4	8.5	12.7



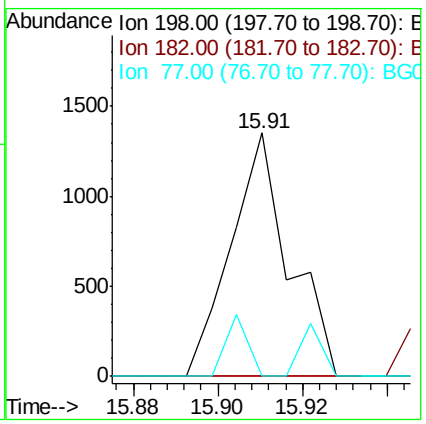


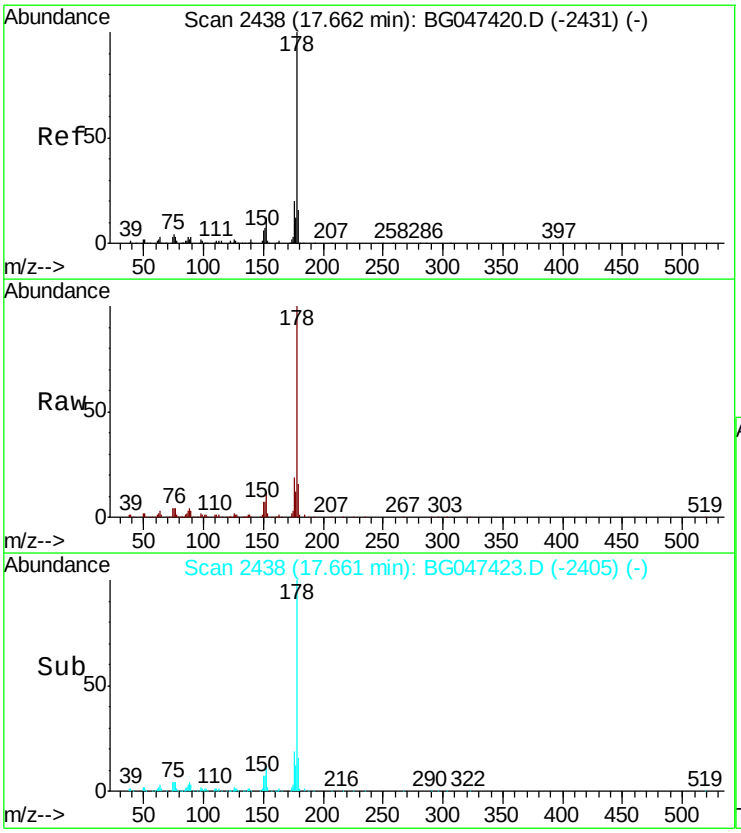
#64
4,6-Dinitro-2-methylphenol
Concen: 1.385 ng/ul
RT: 15.91 min Scan# 2140
Delta R.T. -0.08 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Instrument :
BNA_G
ClientSampleId :
C0B12

Tgt Ion:198 Resp: 1295

Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.5	5.3#
77	0.0	26.6	40.0#

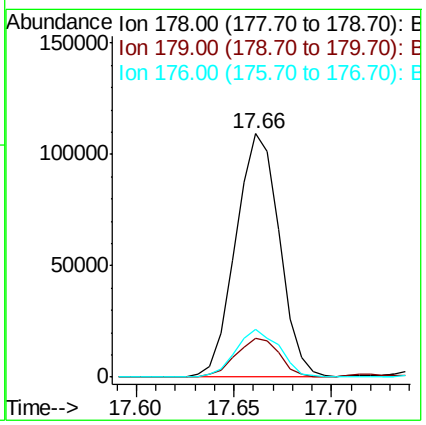


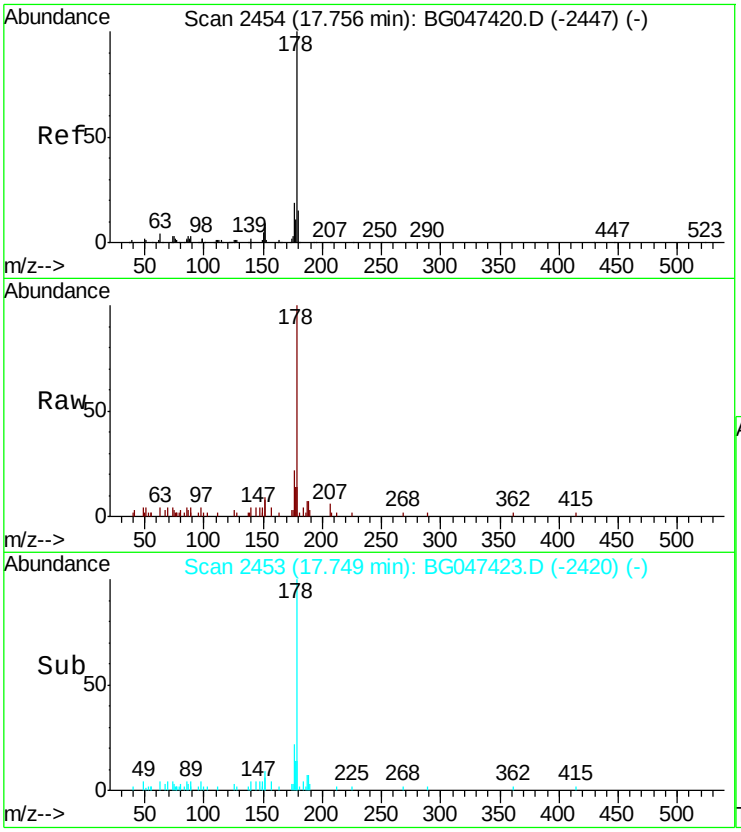


#70
Phenanthrene
Concen: 19.997 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Tgt Ion:178 Resp: 169549

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.6
176	19.4	13.9	20.9



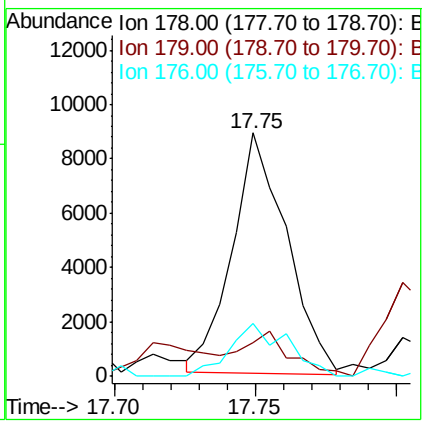


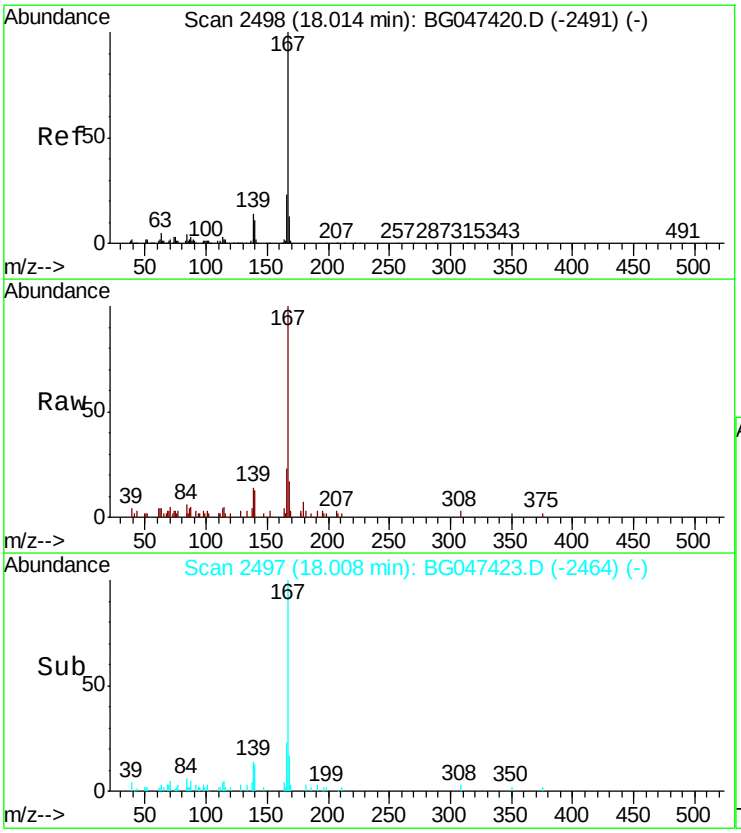
#72
Anthracene
Concen: 1.390 ng/ul
RT: 17.75 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Instrument :
BNA_G
ClientSampleId :
C0B12

Tgt Ion:178 Resp: 11871

Ion	Ratio	Lower	Upper
178	100		
179	14.0	11.7	17.5
176	22.0	15.4	23.0

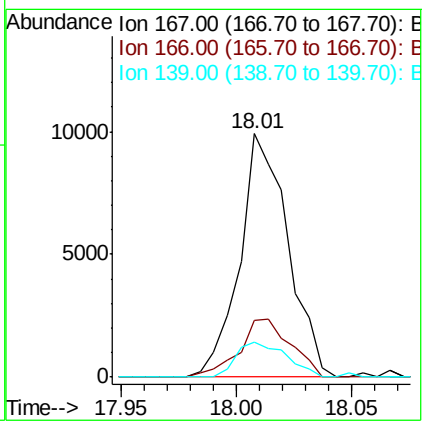


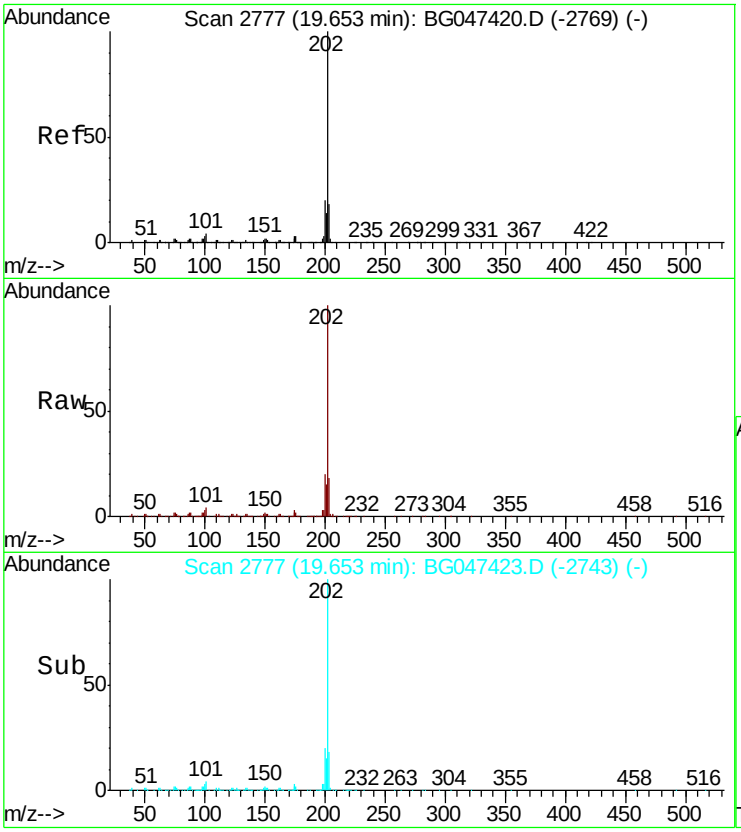


#75
Carbazole
Concen: 2.089 ng/ul
RT: 18.01 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Tgt Ion:167 Resp: 14386

Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.2	28.8
139	14.5	10.0	15.0



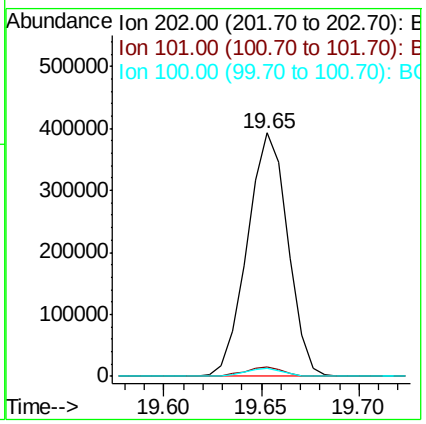


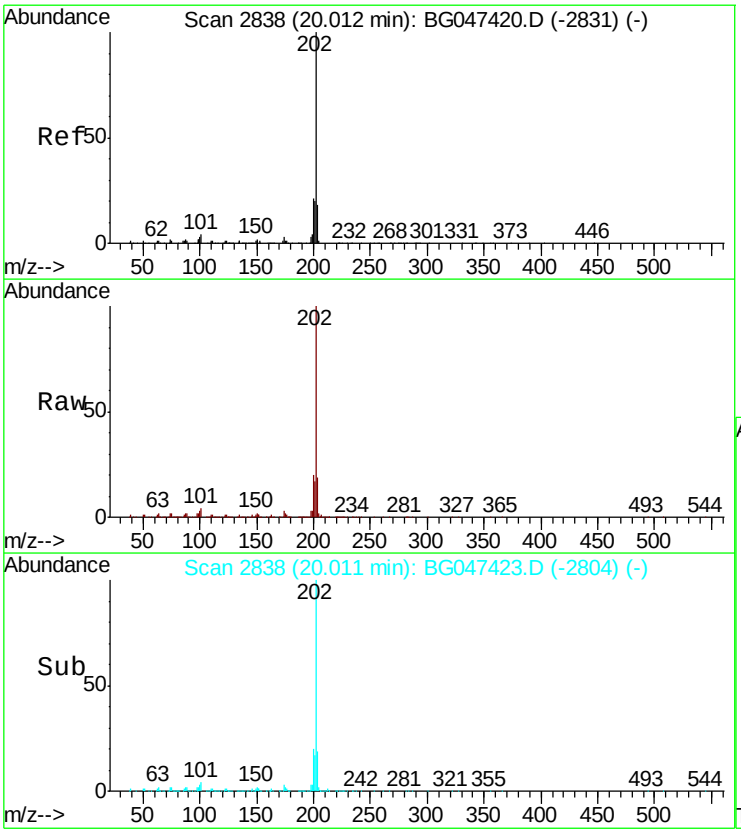
#77
Fluoranthene
Concen: 52.707 ng/ul
RT: 19.65 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Instrument :
BNA_G
ClientSampleId :
C0B12

Tgt Ion:202 Resp: 564375

Ion	Ratio	Lower	Upper
202	100		
101	3.7	3.0	4.6
100	3.3	3.0	4.6

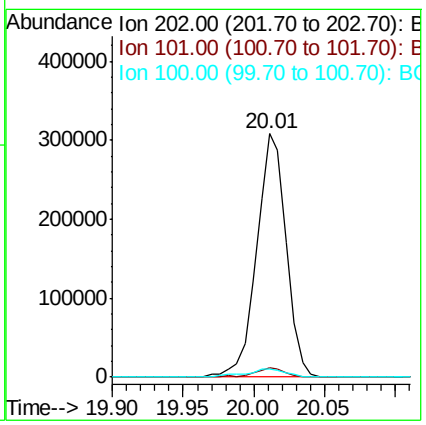


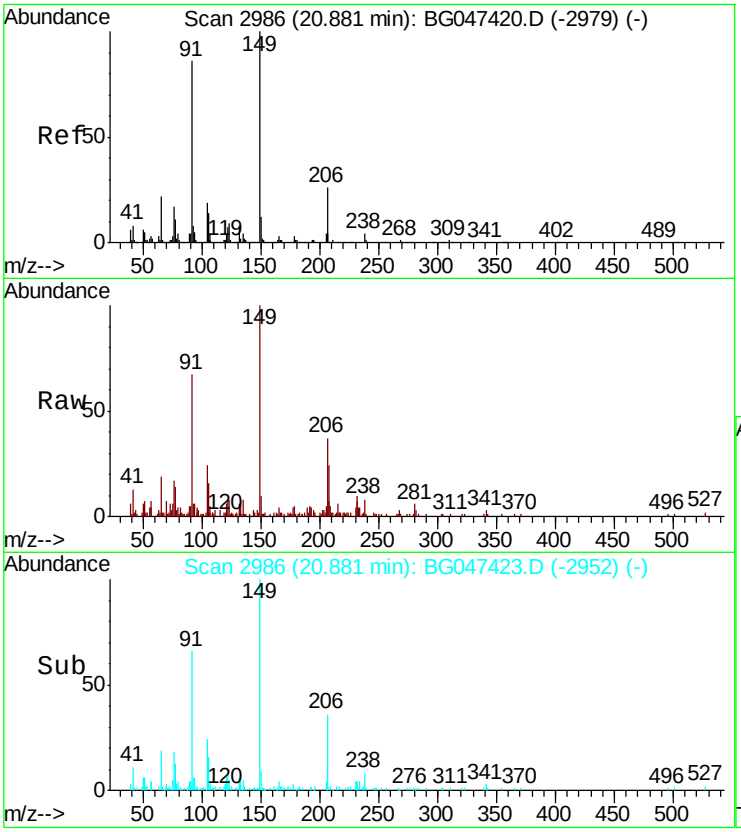


#80
Pyrene
Concen: 30.384 ng/ul
RT: 20.01 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Tgt Ion:202 Resp: 451065

Ion	Ratio	Lower	Upper
202	100		
101	3.8	3.5	5.3
100	3.5	3.4	5.0



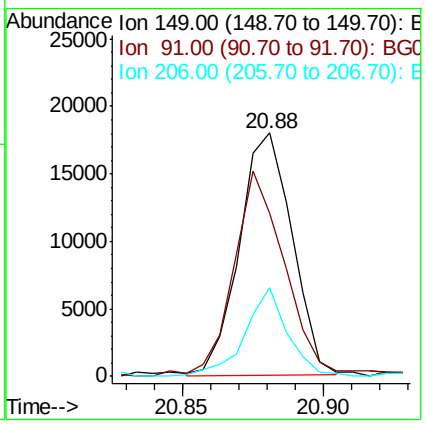


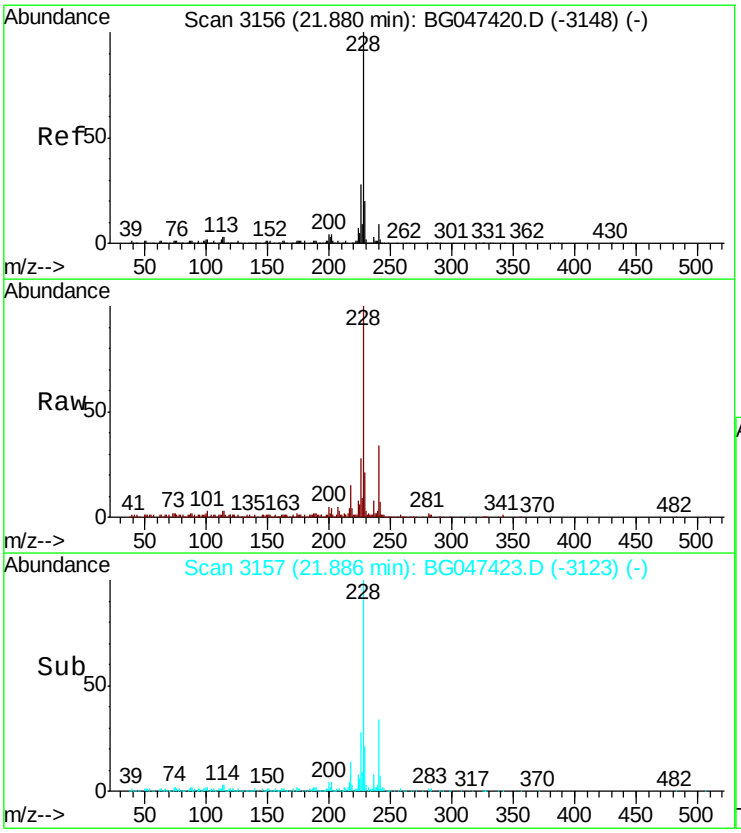
#81
Butylbenzylphthalate
Concen: 4.459 ng/ul
RT: 20.88 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Instrument :
BNA_G
ClientSampleId :
C0B12

Tgt Ion:149 Resp: 23249

Ion	Ratio	Lower	Upper
149	100		
91	67.1	67.9	101.9#
206	36.7	19.3	28.9#

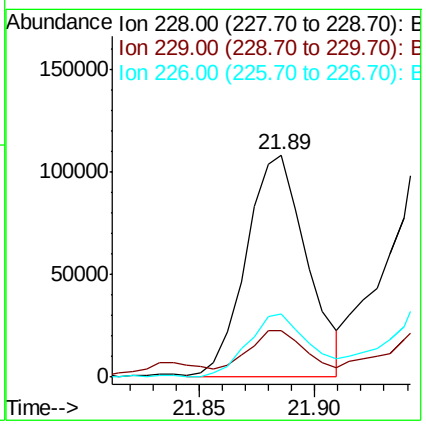


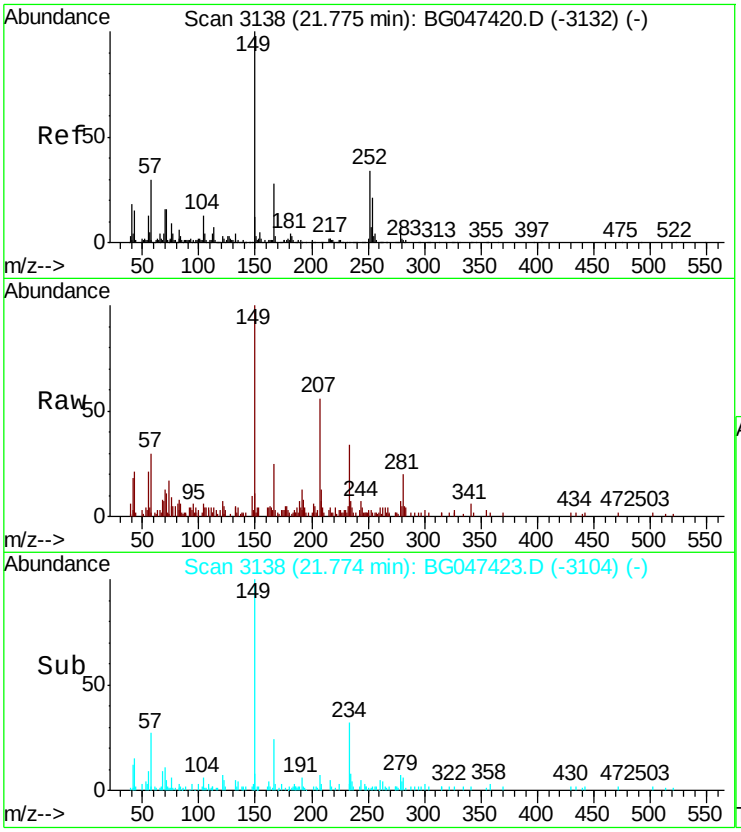


#83
Benzo(a)anthracene
Concen: 13.282 ng/ul
RT: 21.89 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Tgt Ion:228 Resp: 198059

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	28.3	21.7	32.5



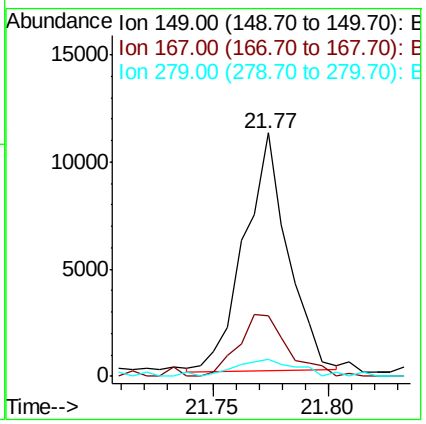


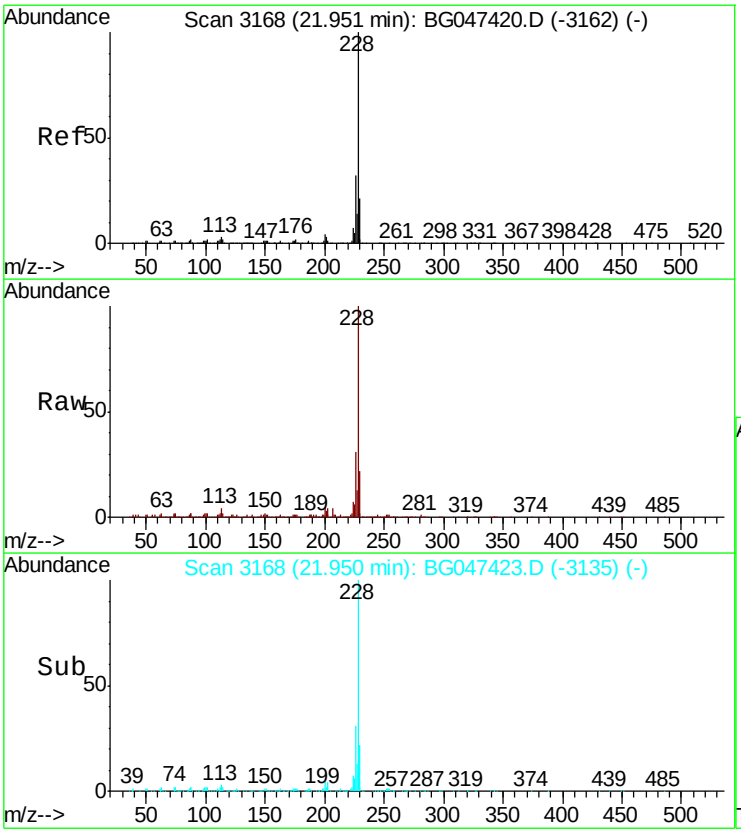
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.006 ng/ul
RT: 21.77 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Instrument :
BNA_G
ClientSampleId :
C0B12

Tgt Ion:149 Resp: 14576

Ion	Ratio	Lower	Upper
149	100		
167	25.0	23.4	35.2
279	7.2	5.9	8.9

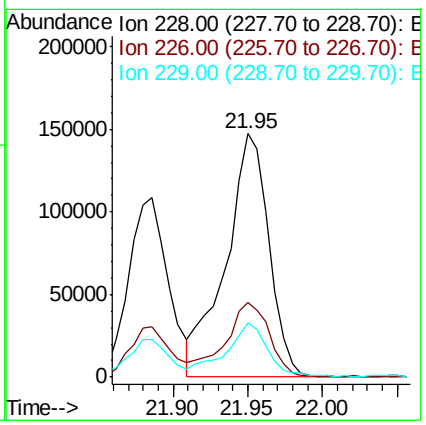


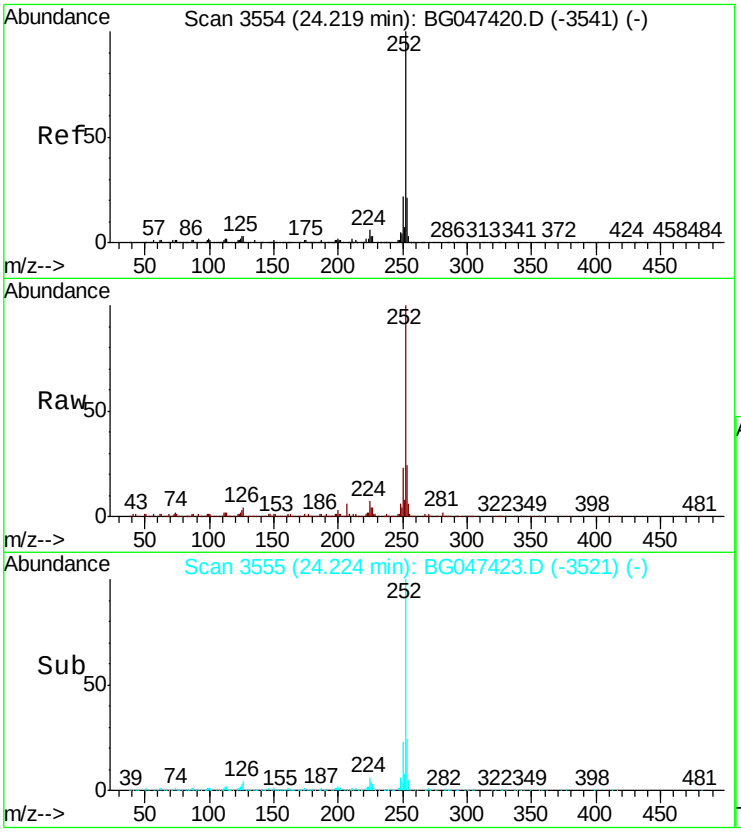


#85
Chrysene
Concen: 20.816 ng/ul
RT: 21.95 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Tgt Ion:228 Resp: 295384

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.3	33.5
229	22.3	16.5	24.7



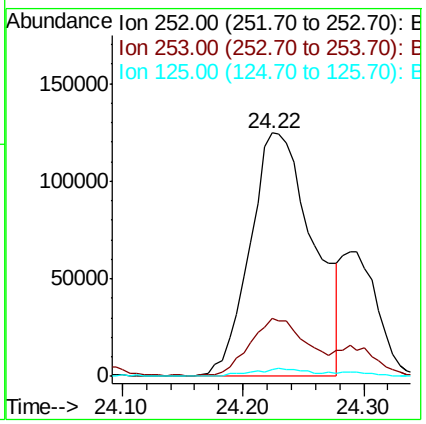


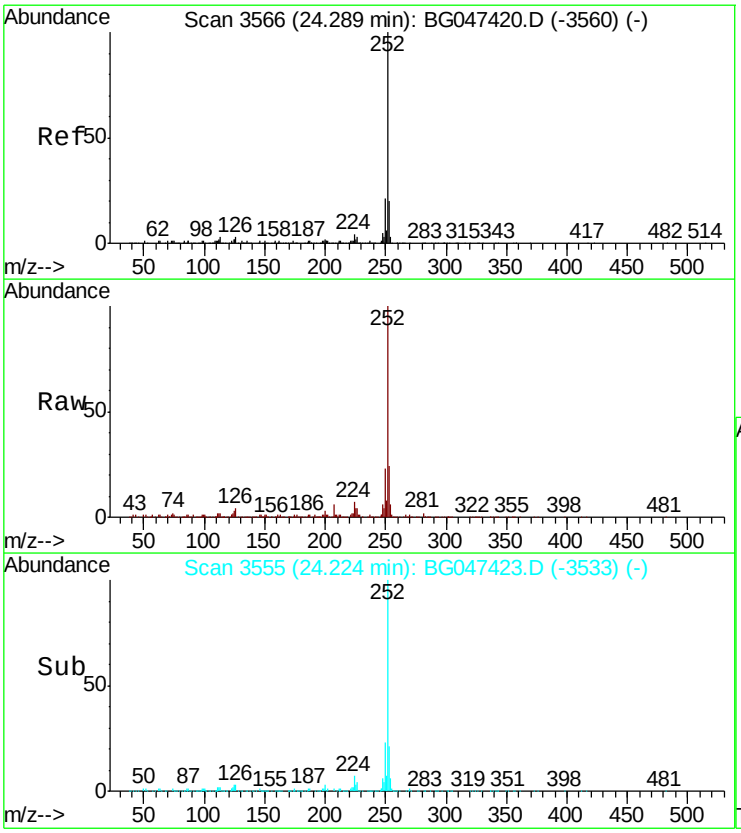
#88
Benzo(b)fluoranthene
Concen: 29.275 ng/ul
RT: 24.22 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Instrument :
BNA_G
ClientSampleId :
C0B12

Tgt Ion:252 Resp: 448721

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.6	25.0
125	3.0	2.7	4.1

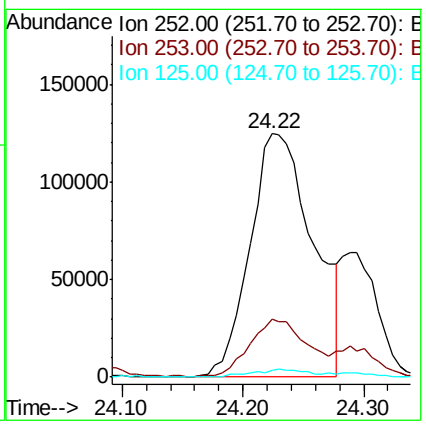


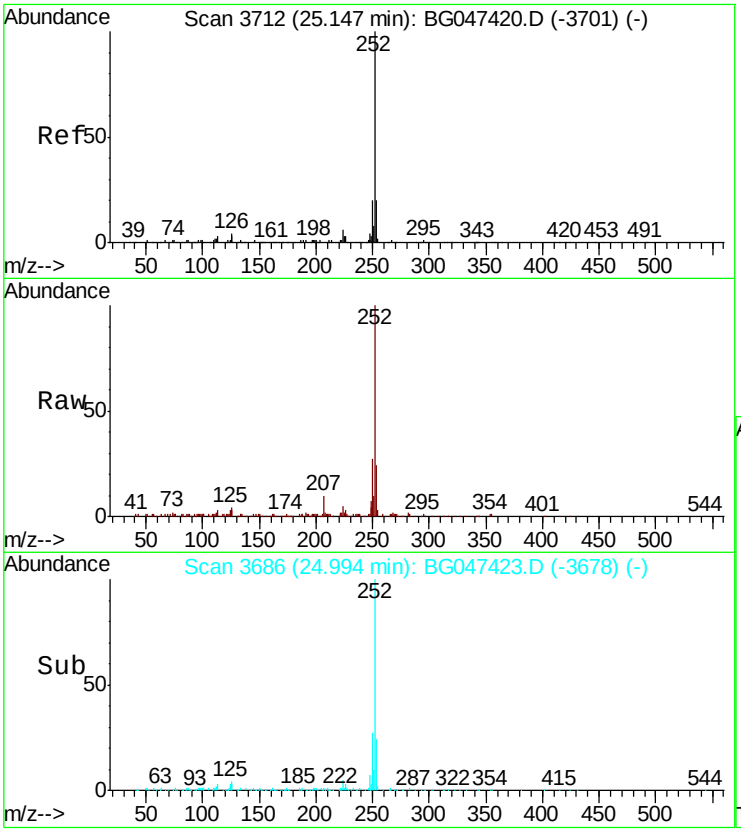


#89
Benzo(k)fluoranthene
Concen: 29.707 ng/ul
RT: 24.22 min Scan# 3555
Delta R.T. -0.07 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Tgt Ion:252 Resp: 448721

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	3.0	2.2	3.2



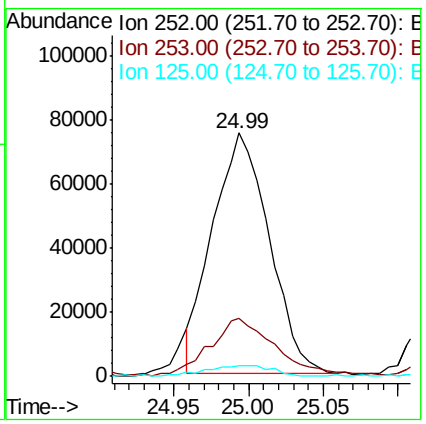


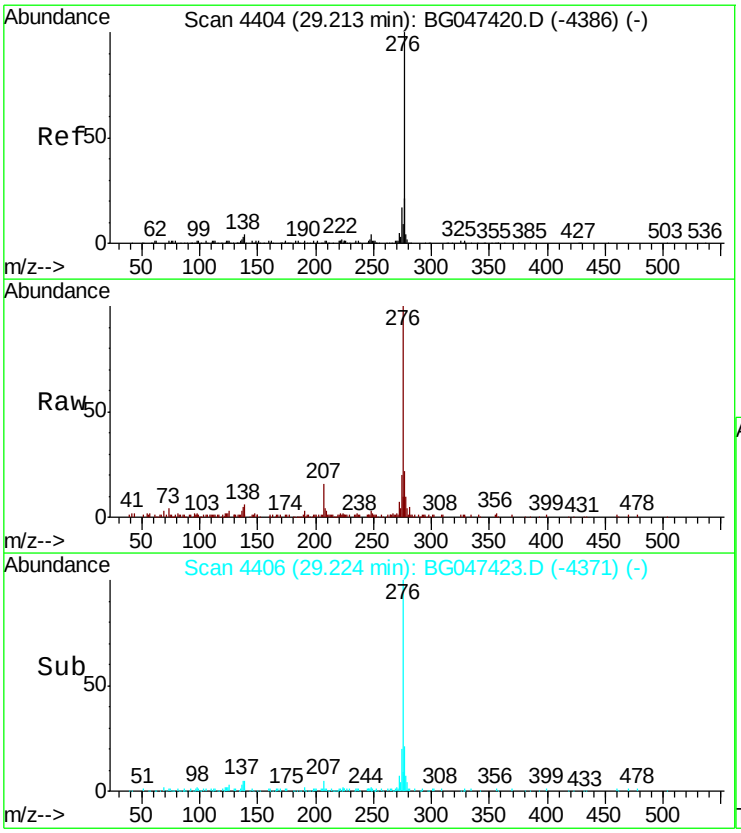
#91
Benzo(a)pyrene
Concen: 14.454 ng/ul
RT: 24.99 min Scan# 3686
Delta R.T. -0.15 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Instrument :
BNA_G
ClientSampleId :
C0B12

Tgt Ion:252 Resp: 197490

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	27.8
125	4.3	3.1	4.7

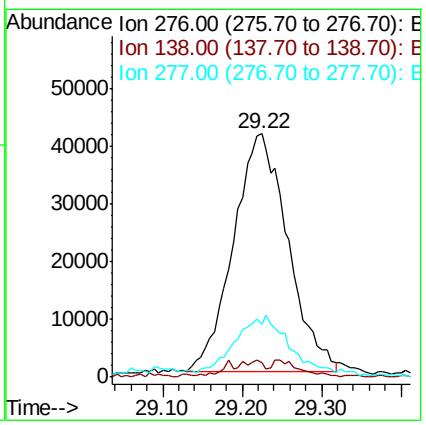


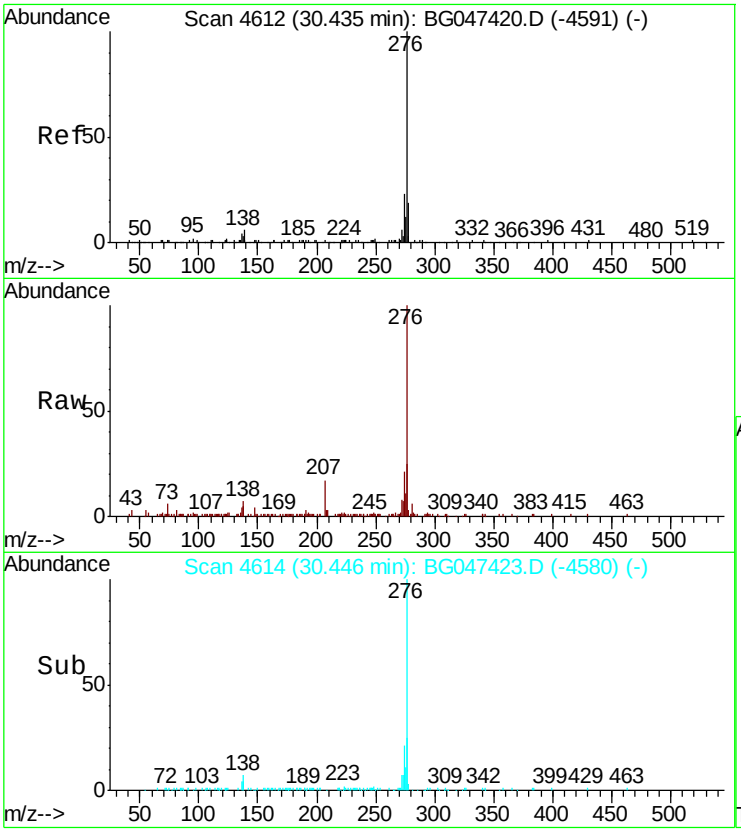


#92
Indeno(1,2,3-cd)pyrene
Concen: 11.890 ng/ul
RT: 29.22 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Tgt Ion:276 Resp: 197614

Ion	Ratio	Lower	Upper
276	100		
138	6.0	5.0	7.6
277	21.8	16.5	24.7





#94
Benzo(g,h,i)perylene
Concen: 12.737 ng/ul
RT: 30.45 min Scan# 4614
Delta R.T. -0.00 min
Lab File: BG047423.D
Acq: 23 Nov 2020 19:12

Instrument :
BNA_G
ClientSampleId :
C0B12

Tgt Ion:276 Resp: 174679

Ion	Ratio	Lower	Upper
276	100		
138	7.2	5.8	8.6
277	25.4	17.4	26.2