

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047364.D
 Acq On : 19 Nov 2020 22:45
 Operator : CG/JU
 Sample : L4710-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 04:02:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	49934	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	191895	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	140800	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	327457	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	300303	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	310211	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2607	1.90	ng/uL	0.00
5) Phenol-d5	7.40	99	75897	15.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	41377	14.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	52311	15.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	56138	14.59	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	24845	15.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	29191	16.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	62661	15.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	40226	10.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	197998	16.38	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	244287	17.49	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	26088	14.15	ng/ul	0.00
58) Fluorene-d10	15.87	176	178568	16.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	26826	14.39	ng/ul	0.00
71) Anthracene-d10	17.72	188	283290	17.44	ng/ul	0.00
79) Pyrene-d10	19.98	212	307798	17.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	311708	17.46	ng/ul	0.00

Target Compounds

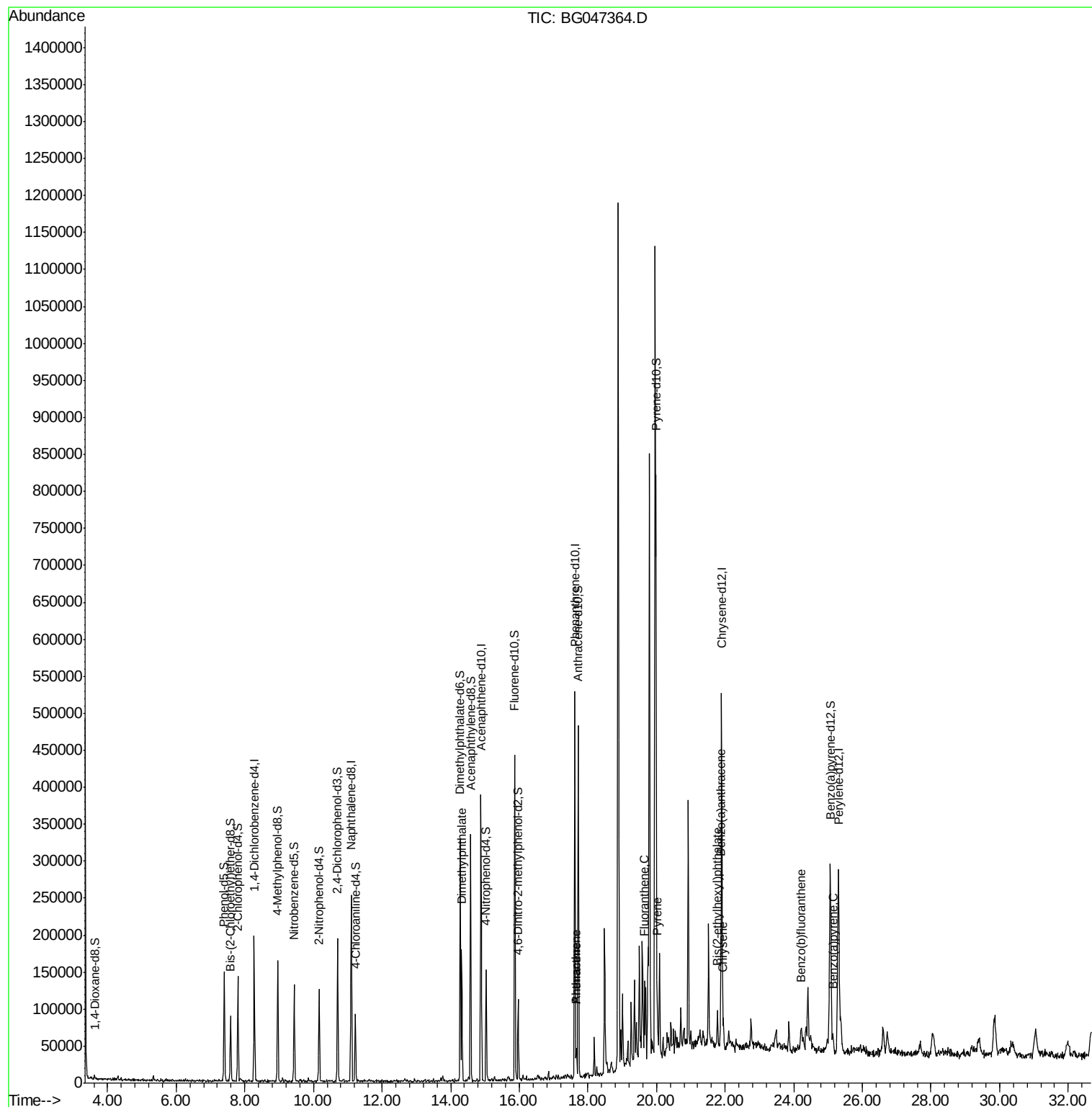
					Ovalue
45) Dimethylphthalate	14.33	163	105961	8.594 ng/ul	98
70) Phenanthrene	17.66	178	21214	1.200 ng/ul	98
72) Anthracene	17.66	178	21214	1.191 ng/ul	96
77) Fluoranthene	19.65	202	63289	2.834 ng/ul#	98
80) Pyrene	20.01	202	53515	2.516 ng/ul#	96
83) Benzo(a)anthracene	21.88	228	32043	1.500 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.78	149	18317	1.759 ng/ul#	98
85) Chrysene	21.95	228	30451	1.498 ng/ul	93
88) Benzo(b)fluoranthene	24.21	252	34807	1.589 ng/ul	94
91) Benzo(a)pyrene	25.14	252	25887	1.326 ng/ul#	94

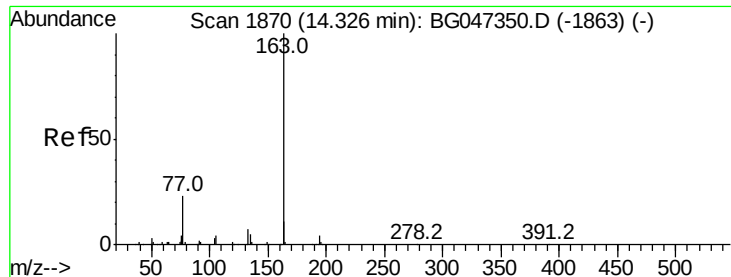
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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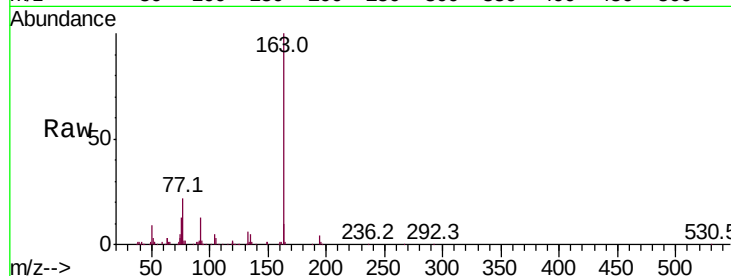




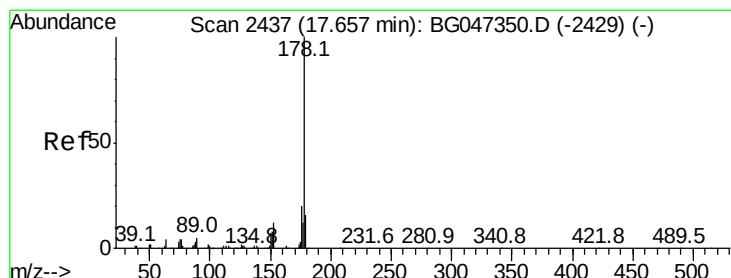
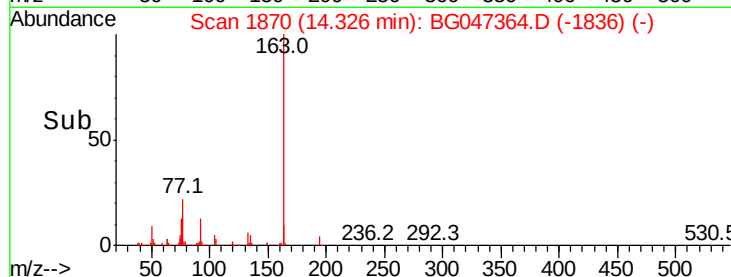
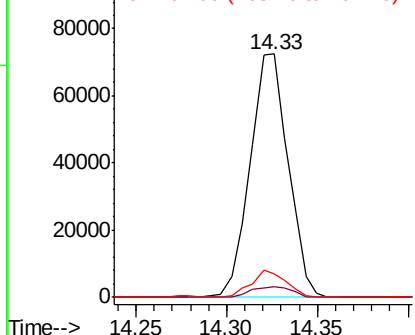
#45
Dimethylphthalate
Concen: 8.594 ng/ul
RT: 14.33 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG047364.D
Acq: 19 Nov 2020 22:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 105961
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 8.8 13.2

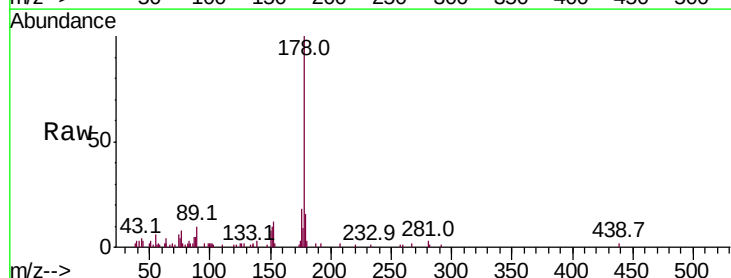


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

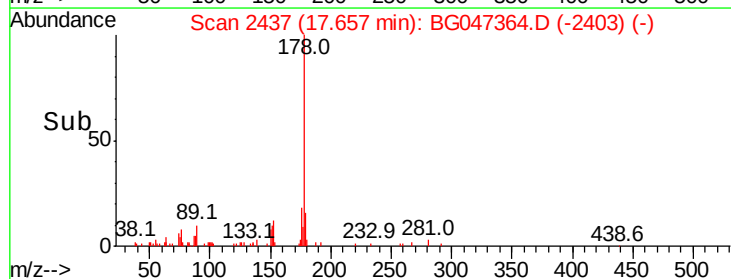
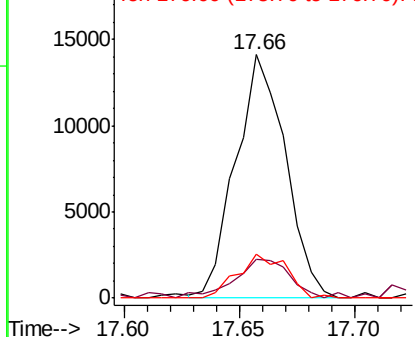


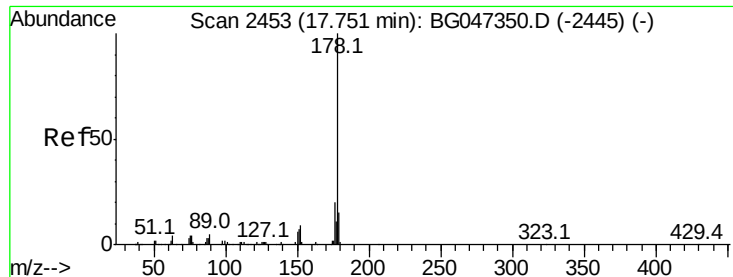
#70
Phenanthrene
Concen: 1.200 ng/ul
RT: 17.66 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG047364.D
Acq: 19 Nov 2020 22:45

Tgt Ion:178 Resp: 21214
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 18.2 15.7 23.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.191 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. -0.09 min

Lab File: BG047364.D

Acq: 19 Nov 2020 22:45

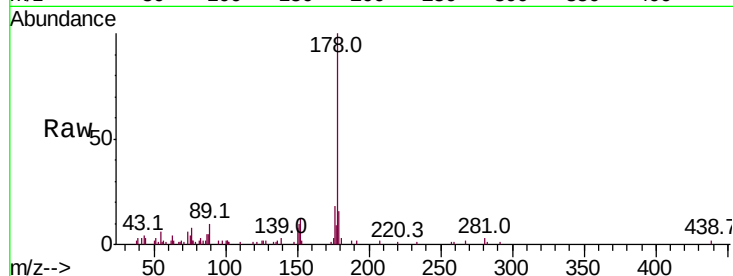
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 21214

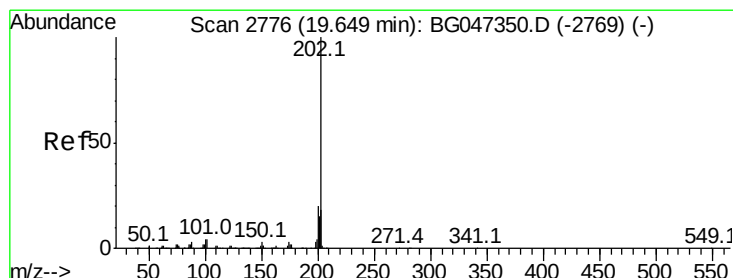
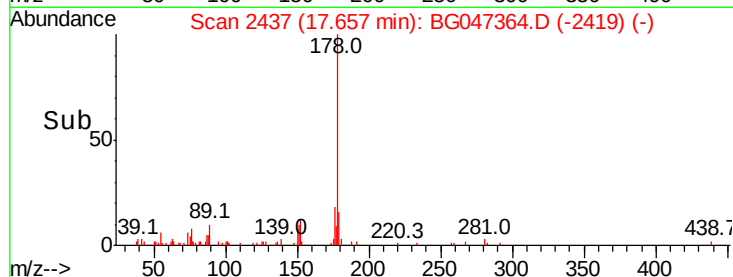
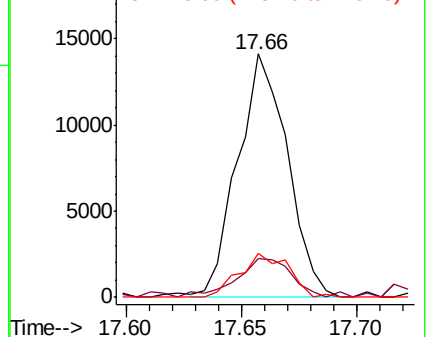
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.2
176	18.2	16.2	24.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 2.834 ng/ul

RT: 19.65 min Scan# 2776

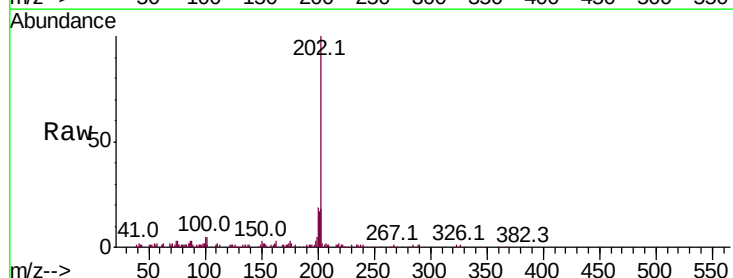
Delta R.T. 0.00 min

Lab File: BG047364.D

Acq: 19 Nov 2020 22:45

Tgt Ion:202 Resp: 63289

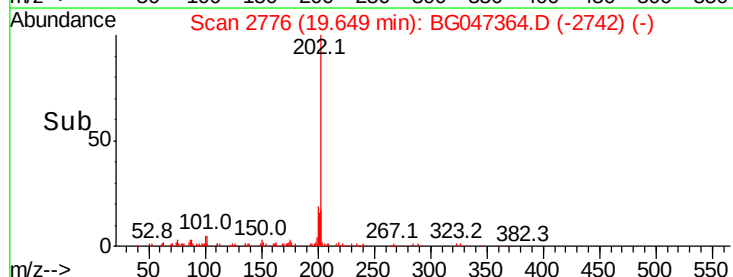
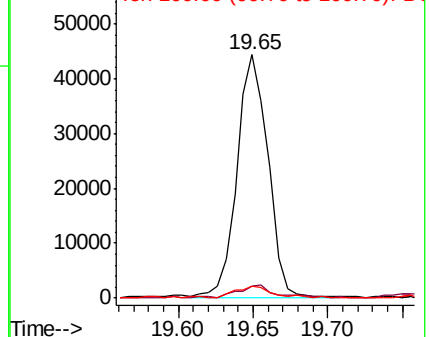
Ion	Ratio	Lower	Upper
202	100		
101	4.6	3.3	4.9
100	5.1	3.4	5.0#

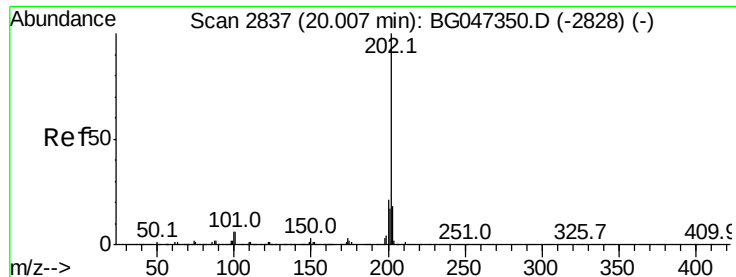


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 2.516 ng/ul

RT: 20.01 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BG047364.D

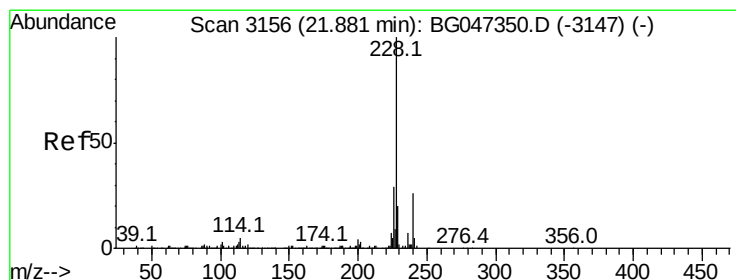
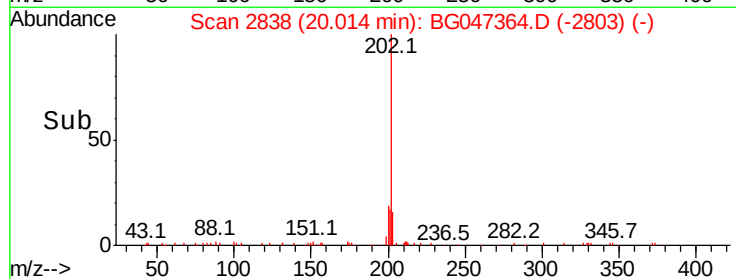
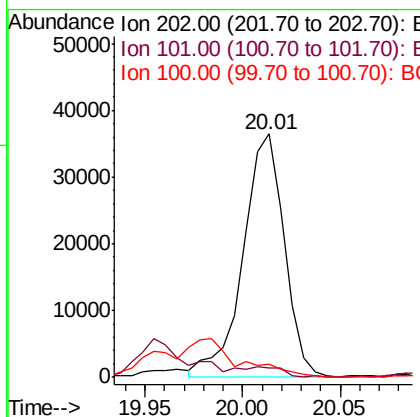
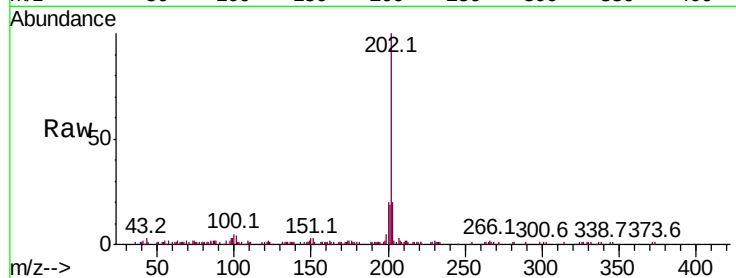
Acq: 19 Nov 2020 22:45

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	53515
Ion	Ratio	Lower	Upper
202	100		
101	3.9	5.0	7.4#
100	5.2	4.6	7.0



#83

Benzo(a)anthracene

Concen: 1.500 ng/ul

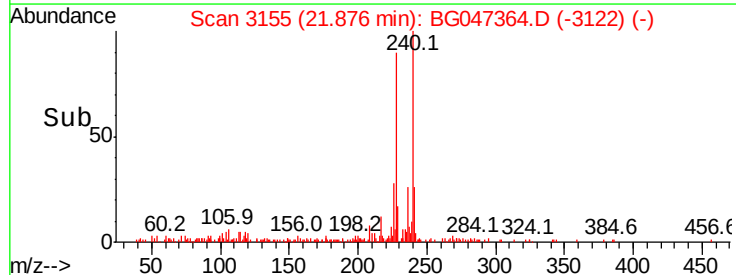
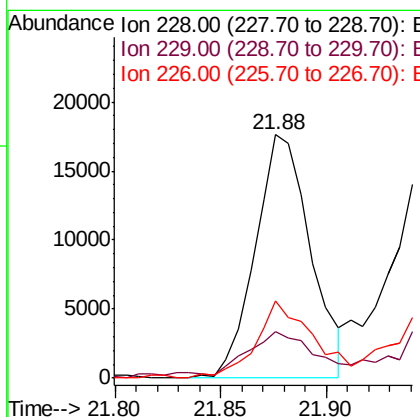
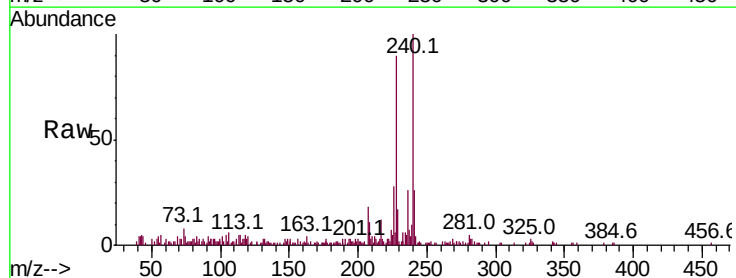
RT: 21.88 min Scan# 3155

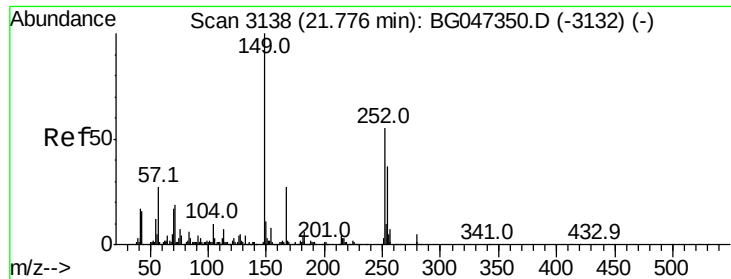
Delta R.T. -0.01 min

Lab File: BG047364.D

Acq: 19 Nov 2020 22:45

Tgt Ion:	228	Resp:	32043
Ion	Ratio	Lower	Upper
228	100		
229	19.0	16.2	24.2
226	31.5	23.3	34.9

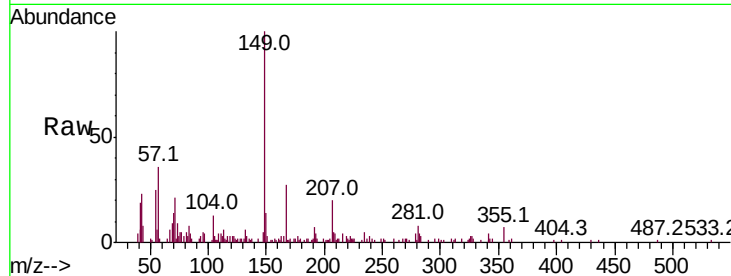




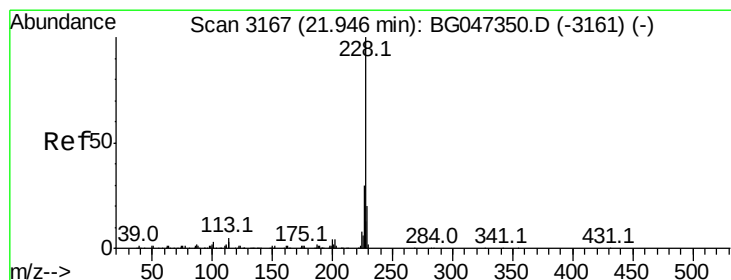
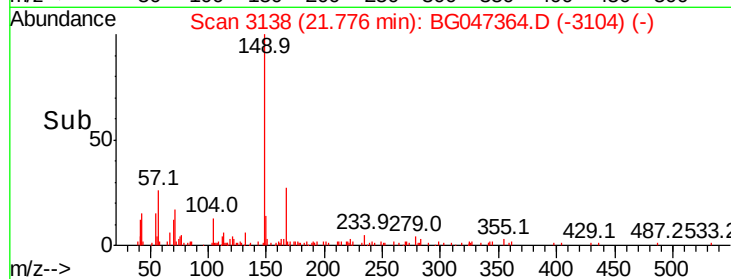
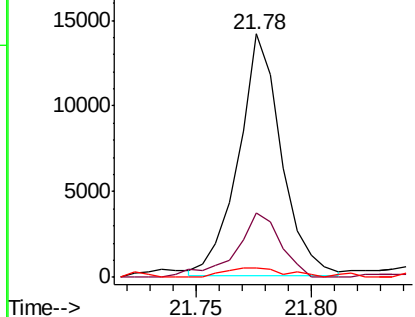
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.759 ng/ul
 RT: 21.78 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG047364.D
 Acq: 19 Nov 2020 22:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 18317
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.8 32.8
 279 3.6 4.2 6.2#

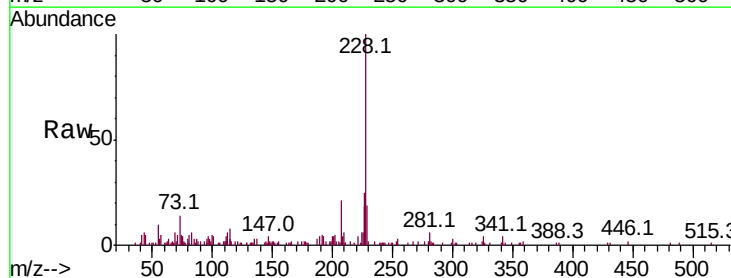


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

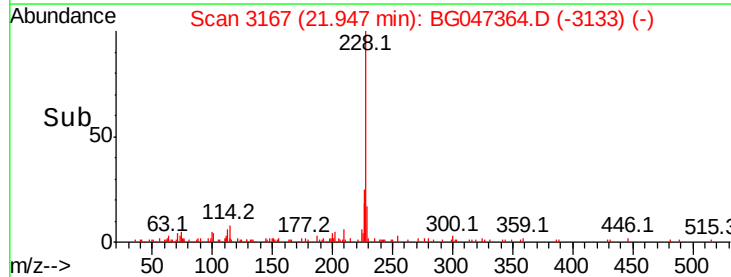
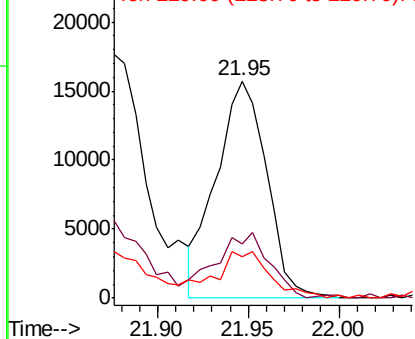


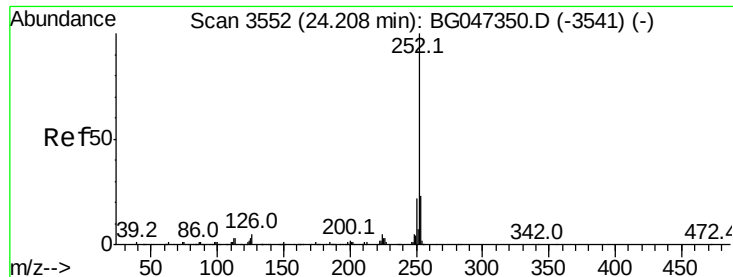
#85
 Chrysene
 Concen: 1.498 ng/ul
 RT: 21.95 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG047364.D
 Acq: 19 Nov 2020 22:45

Tgt Ion:228 Resp: 30451
 Ion Ratio Lower Upper
 228 100
 226 24.8 23.8 35.6
 229 18.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.589 ng/ul

RT: 24.21 min Scan# 3553

Delta R.T. 0.01 min

Lab File: BG047364.D

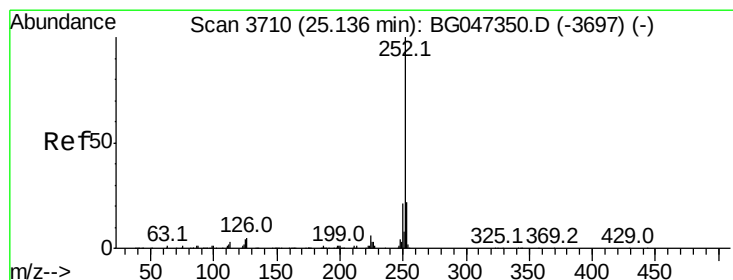
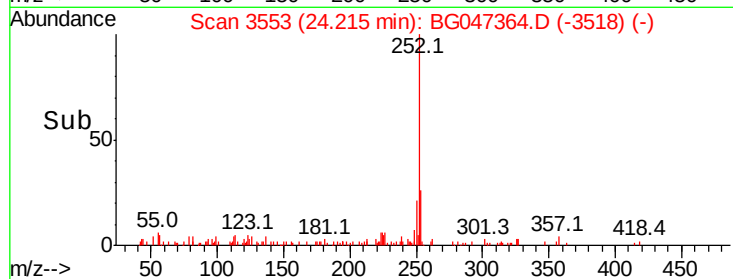
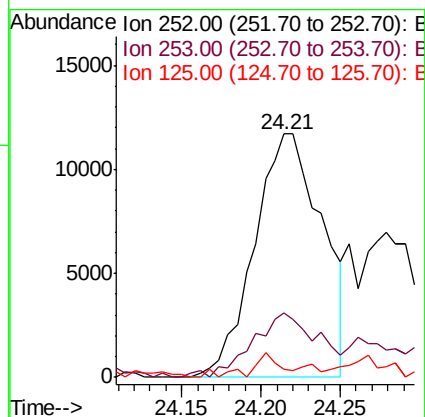
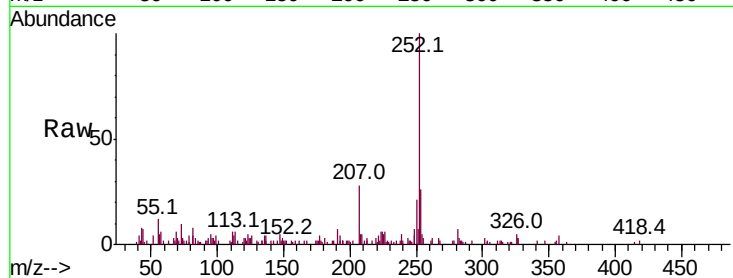
Acq: 19 Nov 2020 22:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	34807
Ion Ratio	Lower	Upper
252	100	
253	26.4	18.4 27.6
125	3.3	2.5 3.7



#91

Benzo(a)pyrene

Concen: 1.326 ng/ul

RT: 25.14 min Scan# 3710

Delta R.T. 0.00 min

Lab File: BG047364.D

Acq: 19 Nov 2020 22:45

Tgt Ion:252	Resp:	25887
Ion Ratio	Lower	Upper
252	100	
253	20.3	17.5 26.3
125	11.0	3.1 4.7#

