

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047174.D
 Acq On : 31 Oct 2020 4:21
 Operator : CG/JU
 Sample : L4507-09
 Misc : GCMS CONFIRMATION
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:00:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 31 03:13:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56184	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	221102	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	164576	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	386615	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	399671	20.00	ng/ul	-0.01
86) Perylene-d12	24.93	264	419819	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.86	131	140	0.04	ng/ul	-0.14
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	386615	20.63	ng/ul	-0.11
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	24.83	264	116	0.01	ng/ul	0.10

Target Compounds

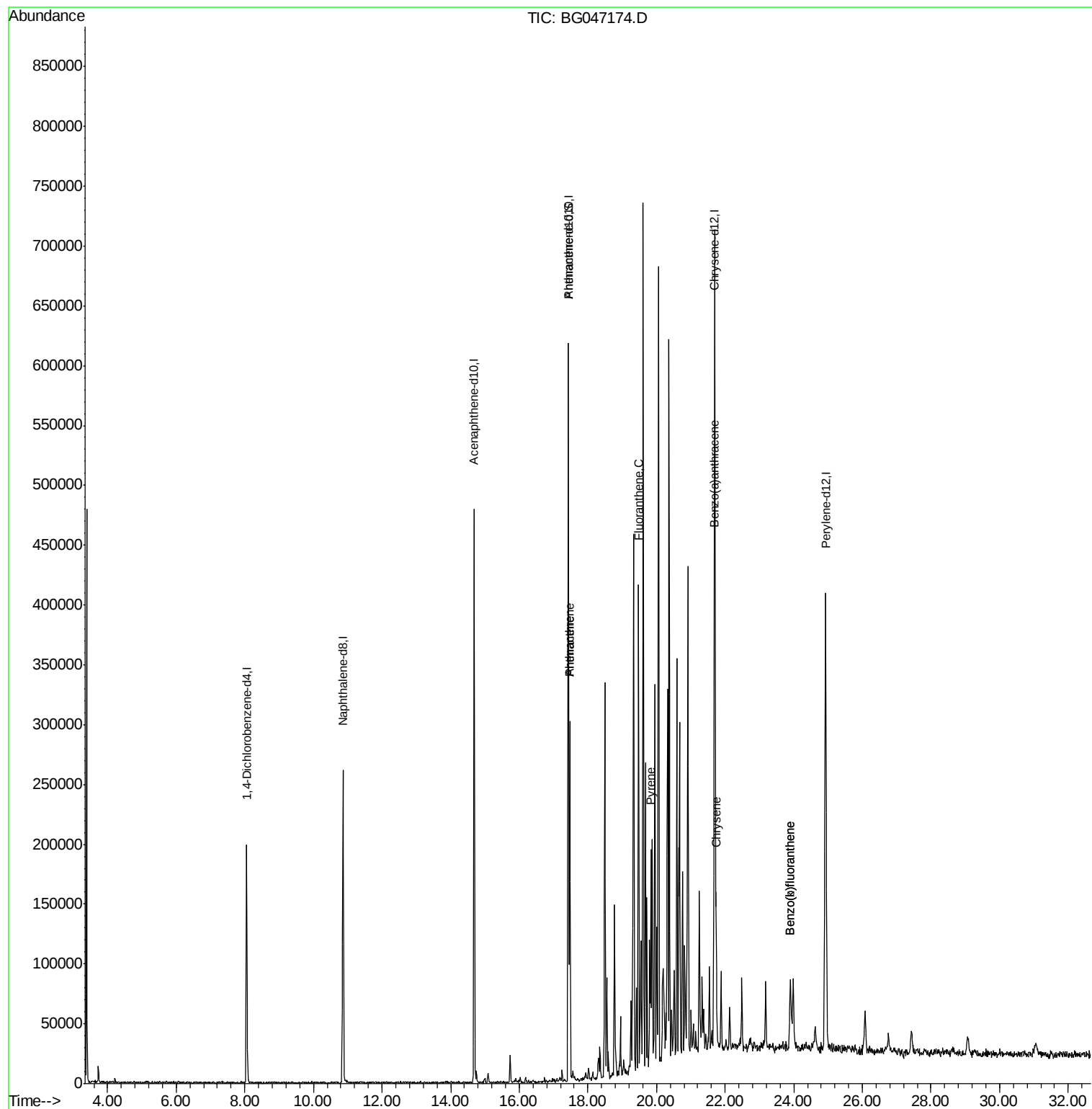
					Ovalue	
70) Phenanthrene	17.47	178	195044	8.995	ng/ul	99
72) Anthracene	17.47	178	195044	8.951	ng/ul	98
77) Fluoranthene	19.48	202	272451	10.439	ng/ul	99
80) Pyrene	19.84	202	107920	3.946	ng/ul	98
83) Benzo(a)anthracene	21.68	228	71600	2.644	ng/ul	95
85) Chrysene	21.74	228	85742	3.292	ng/ul	99
88) Benzo(b)fluoranthene	23.90	252	72539	2.601	ng/ul	99
89) Benzo(k)fluoranthene	23.90	252	72539	2.684	ng/ul	98

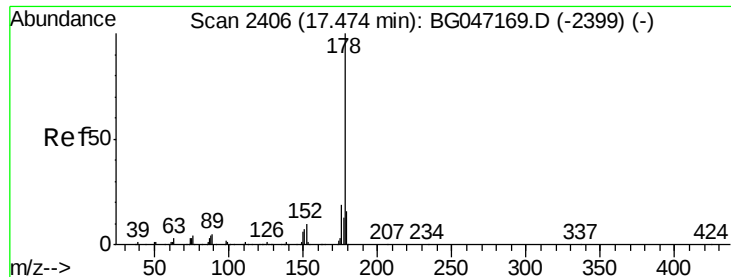
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 8.995 ng/ul

RT: 17.47 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG047174.D

Acq: 31 Oct 2020 4:21

Instrument :

BNA_G

ClientSampleId :

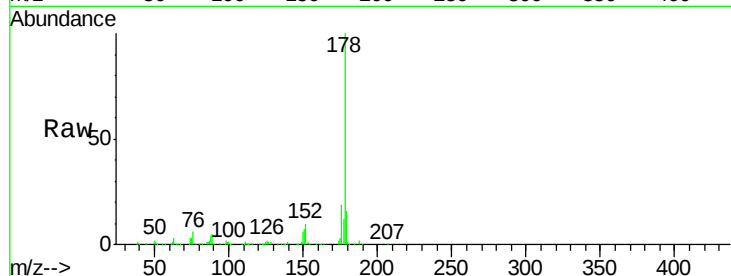
Tot Ion:178 Resp: 195044

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.4

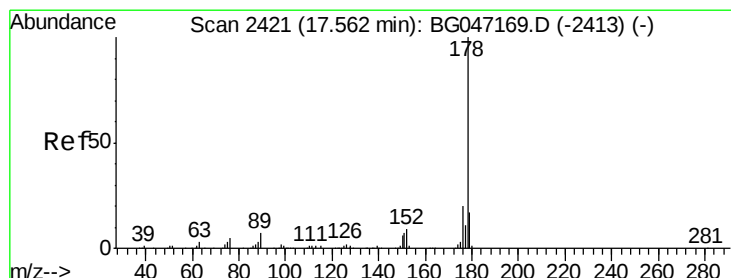
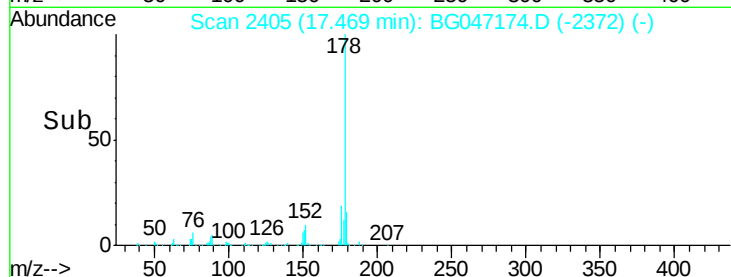
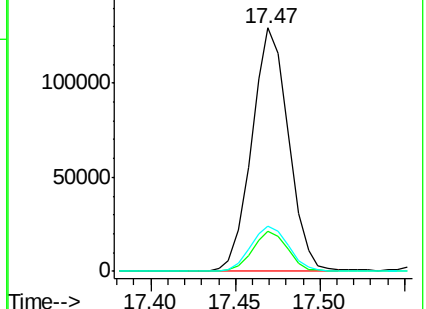
176 18.7 15.5 23.3



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: 8.951 ng/ul

RT: 17.47 min Scan# 2405

Delta R.T. -0.10 min

Lab File: BG047174.D

Acq: 31 Oct 2020 4:21

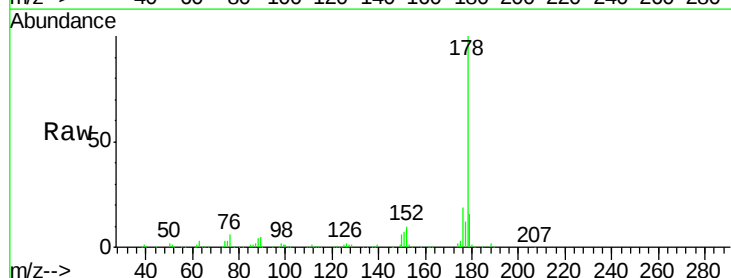
Tgt Ion:178 Resp: 195044

Ion Ratio Lower Upper

178 100

179 16.5 11.8 17.6

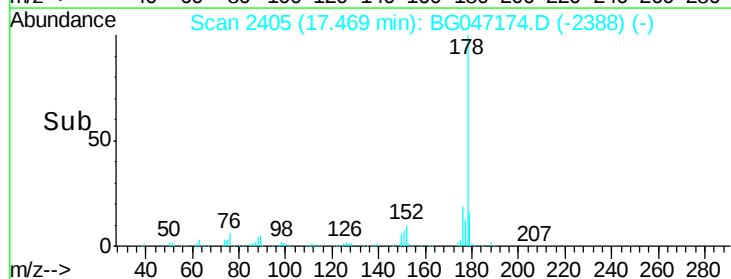
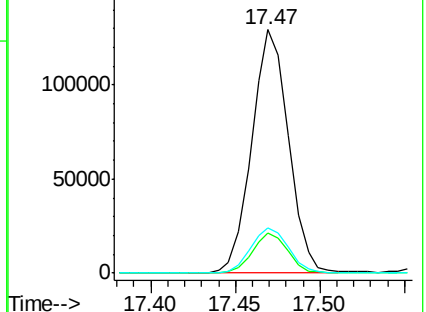
176 18.7 14.7 22.1

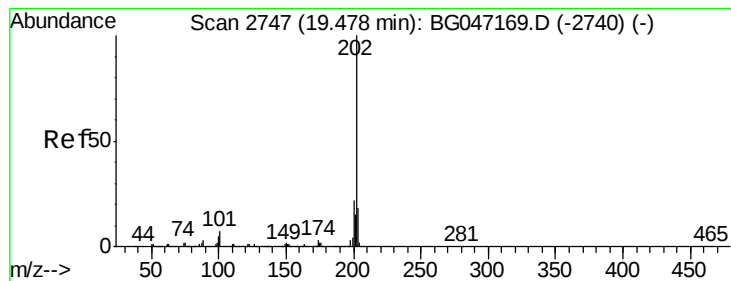


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 10.439 ng/ul

RT: 19.48 min Scan# 2747

Delta R.T. -0.01 min

Lab File: BG047174.D

Acq: 31 Oct 2020 4:21

Instrument :

BNA_G

ClientSampleId :

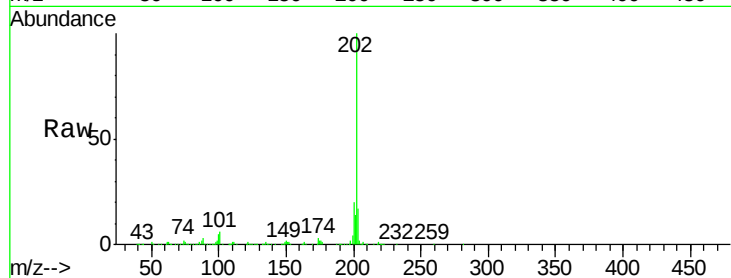
Tot Ion:202 Resp: 272451

Ion Ratio Lower Upper

202 100

101 5.6 4.9 7.3

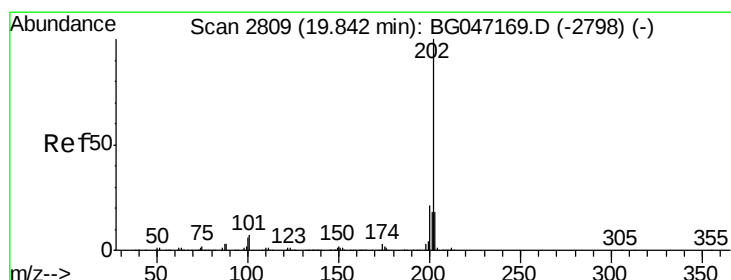
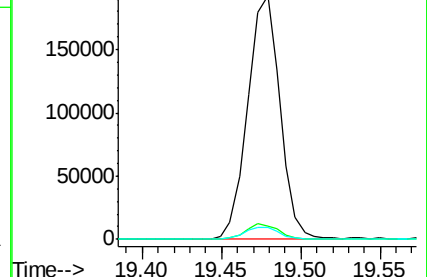
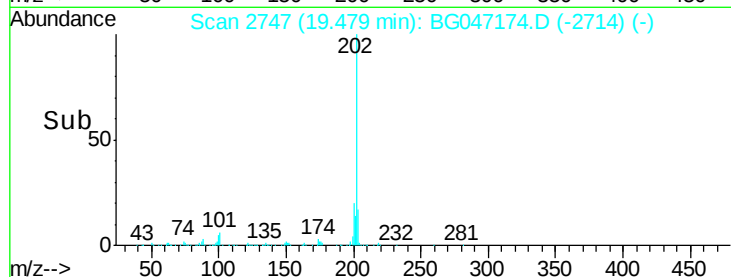
100 5.0 4.2 6.4



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

Pyrene

Concen: 3.946 ng/ul

RT: 19.84 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG047174.D

Acq: 31 Oct 2020 4:21

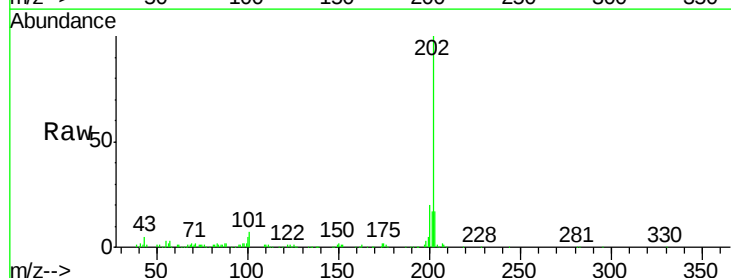
Tgt Ion:202 Resp: 107920

Ion Ratio Lower Upper

202 100

101 6.6 5.8 8.6

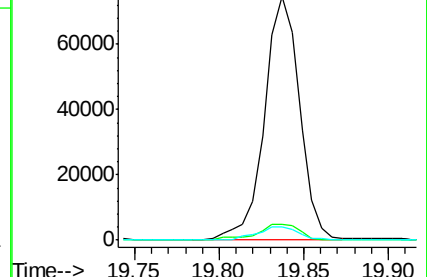
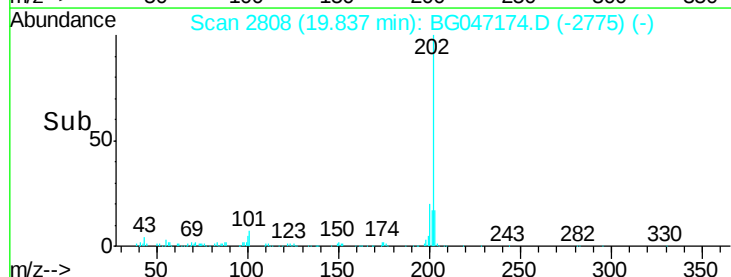
100 5.4 5.0 7.4

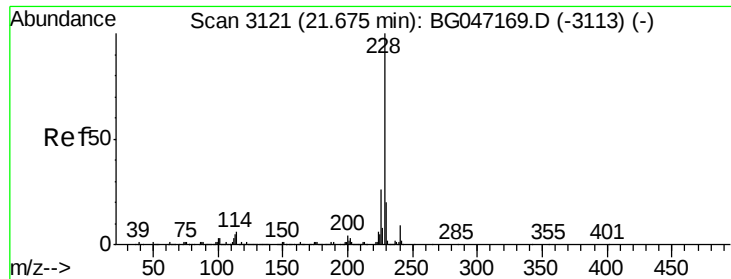


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

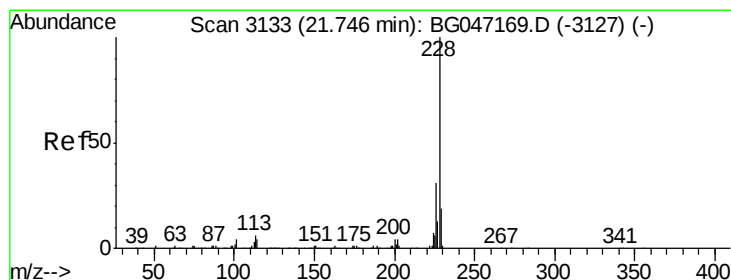
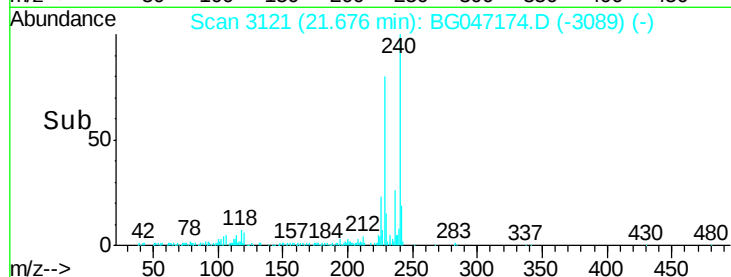
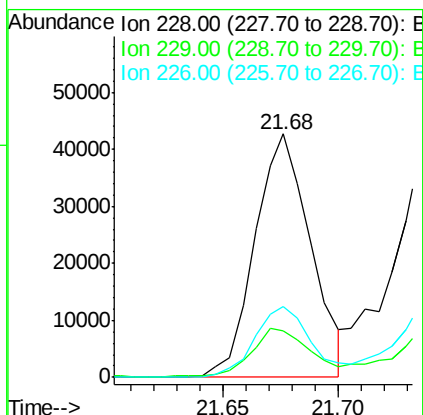
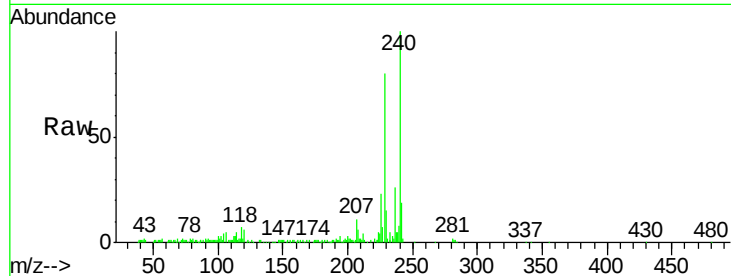




#83
Benzo(a)anthracene
Concen: 2.644 ng/ul
RT: 21.68 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG047174.D
Acq: 31 Oct 2020 4:21

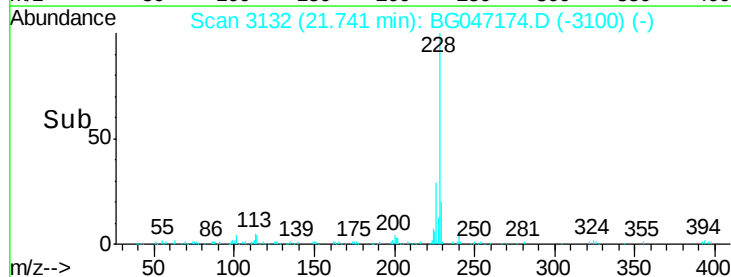
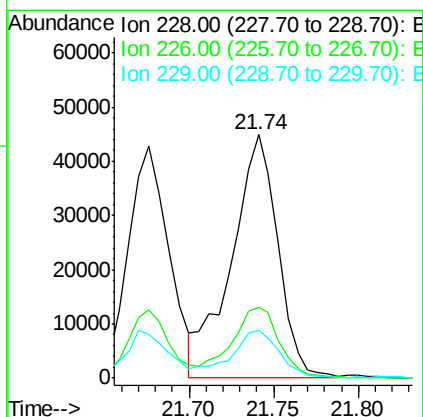
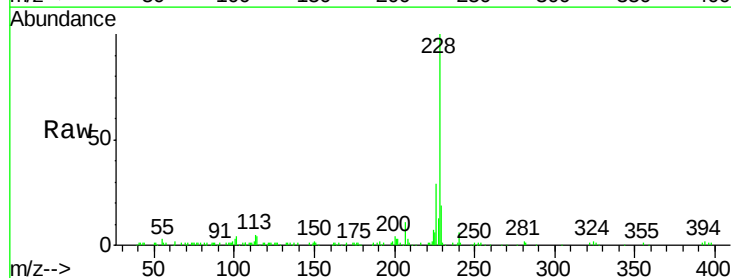
Instrument :
BNA_G
ClientSampleId :

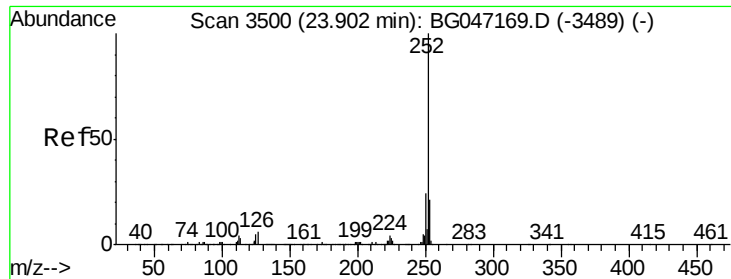
Tot Ion:228 Resp: 71600
Ion Ratio Lower Upper
228 100
229 18.9 16.0 24.0
226 29.2 20.8 31.2



#85
Chrysene
Concen: 3.292 ng/ul
RT: 21.74 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG047174.D
Acq: 31 Oct 2020 4:21

Tgt Ion:228 Resp: 85742
Ion Ratio Lower Upper
228 100
226 29.2 22.8 34.2
229 19.4 16.2 24.2

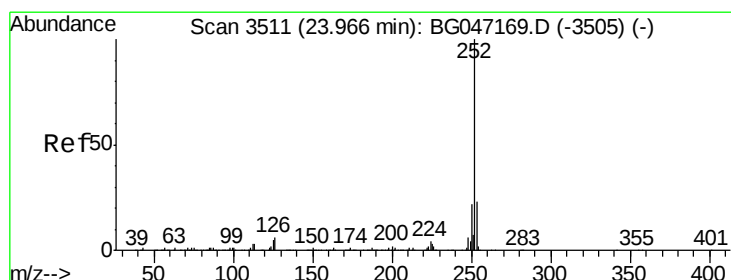
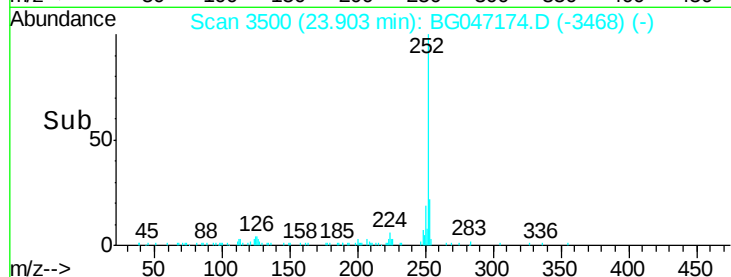
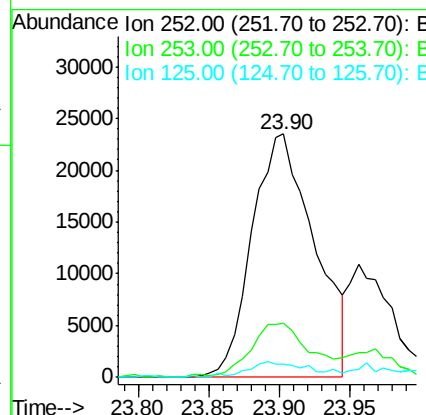
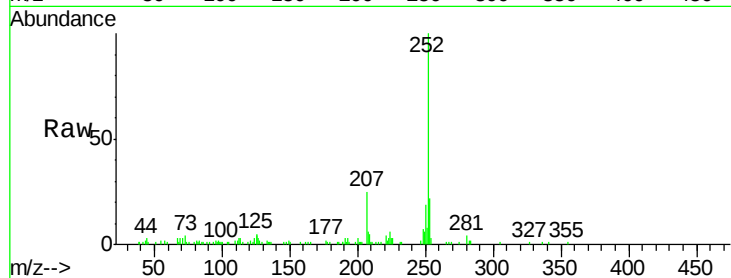




#88
Benzo(b)fluoranthene
Concen: 2.601 ng/ul
RT: 23.90 min Scan# 3500
Delta R.T. -0.01 min
Lab File: BG047174.D
Acq: 31 Oct 2020 4:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	5.2	4.2	6.4



#89
Benzo(k)fluoranthene
Concen: 2.684 ng/ul
RT: 23.90 min Scan# 3500
Delta R.T. -0.08 min
Lab File: BG047174.D
Acq: 31 Oct 2020 4:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	5.2	4.2	6.2

