

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047361.D
 Acq On : 19 Nov 2020 20:44
 Operator : CG/JU
 Sample : L4710-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 04:02:28 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	43350	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	180409	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	137703	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	324624	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	284865	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	302187	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	2421	2.03	ng/uL	0.00
5) Phenol-d5	7.40	99	70693	16.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	41458	16.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	49650	17.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	47946	14.35	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	23930	16.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	28477	17.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	66149	17.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	46036	12.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	207959	17.59	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	256943	18.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	27112	15.03	ng/ul	0.00
58) Fluorene-d10	15.86	176	188085	17.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	29620	16.03	ng/ul	0.00
71) Anthracene-d10	17.72	188	305217	18.95	ng/ul	0.00
79) Pyrene-d10	19.98	212	323845	19.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	320335	18.42	ng/ul	0.00

Target Compounds

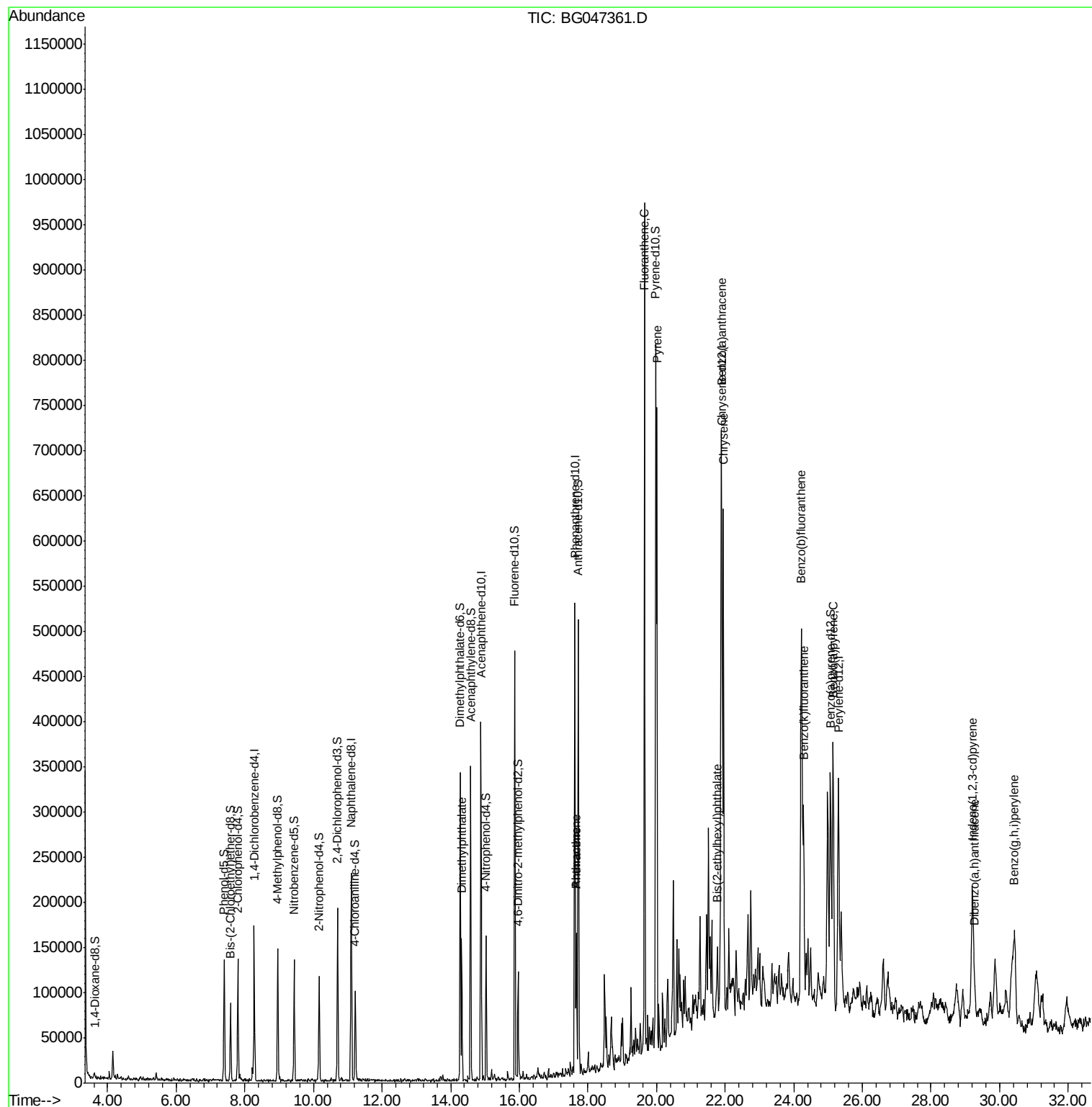
					Ovalue	
45) Dimethylphthalate	14.32	163	88424	7.333	ng/ul#	99
70) Phenanthrene	17.66	178	105914	6.042	ng/ul	98
72) Anthracene	17.66	178	105914	5.999	ng/ul	96
77) Fluoranthene	19.65	202	571083	25.795	ng/ul#	98
80) Pyrene	20.01	202	474887	23.534	ng/ul	98
83) Benzo(a)anthracene	21.88	228	360919	17.807	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.78	149	25006	2.531	ng/ul#	92
85) Chrysene	21.95	228	444159	23.027	ng/ul	97
88) Benzo(b)fluoranthene	24.22	252	591622	27.729	ng/ul	97
89) Benzo(k)fluoranthene	24.28	252	203700	9.688	ng/ul	95
91) Benzo(a)pyrene	25.14	252	373808	19.653	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	29.21	276	280866	12.140	ng/ul	98
93) Dibenzo(a,h)anthracene	29.27	278	36016	1.899	ng/ul#	89
94) Benzo(g,h,i)perylene	30.43	276	236961	12.413	ng/ul	96

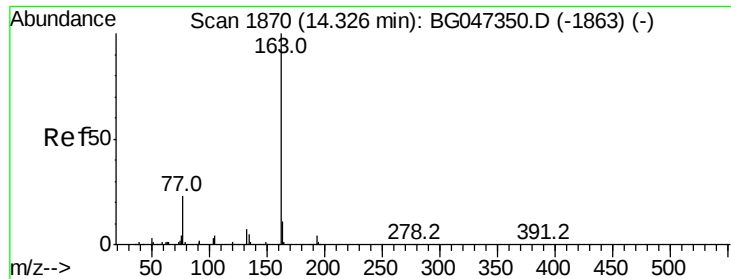
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 7.333 ng/ul

RT: 14.32 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

Instrument :

BNA_G

ClientSampleId :

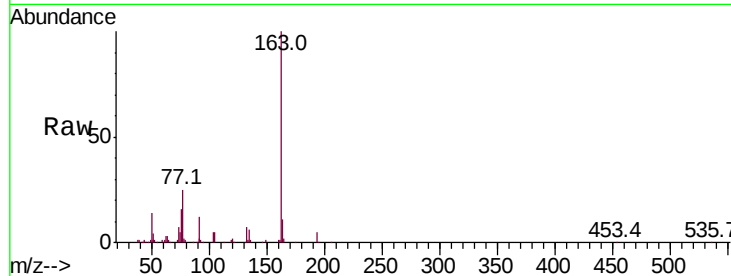
Tot Ion:163 Resp: 88424

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

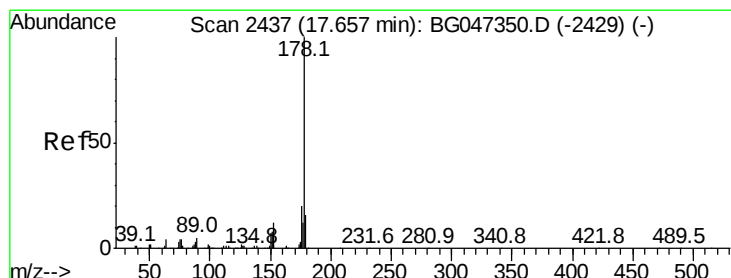
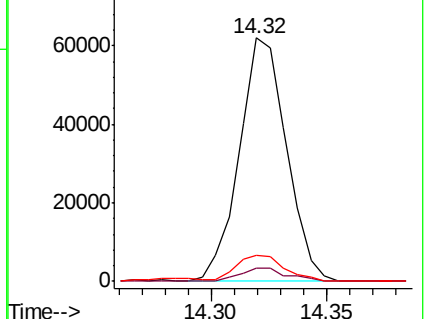
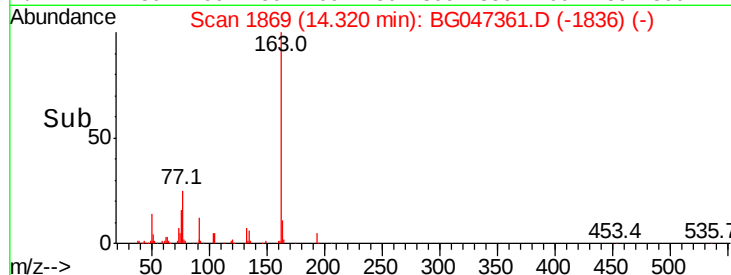
164 10.8 8.8 13.2



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: 6.042 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

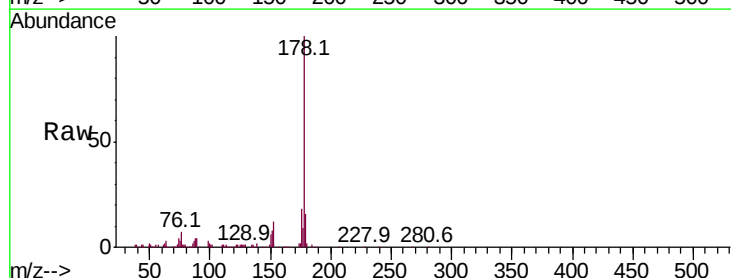
Tgt Ion:178 Resp: 105914

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

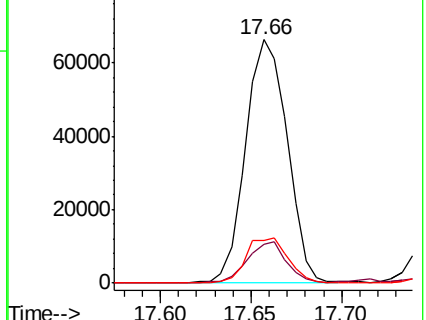
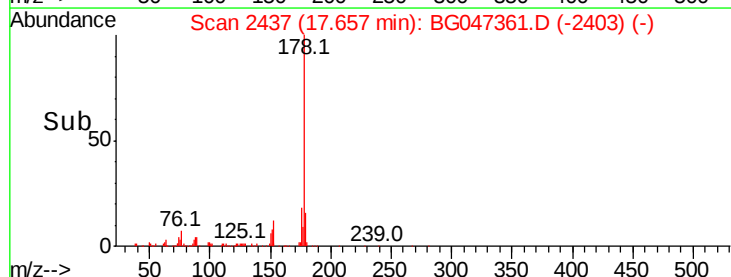
176 17.7 15.7 23.5

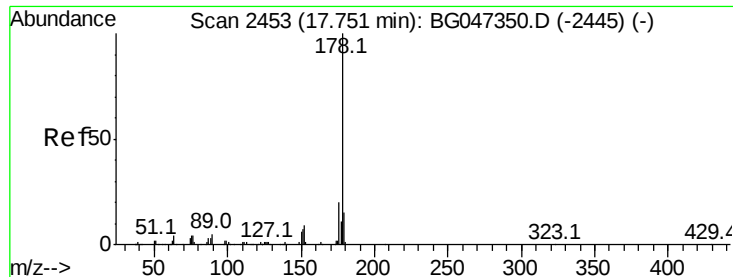


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 5.999 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. -0.09 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

Instrument :

BNA_G

ClientSampleId :

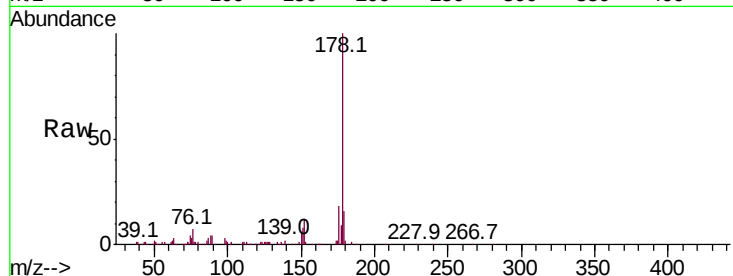
Tot Ion:178 Resp: 105914

Ion Ratio Lower Upper

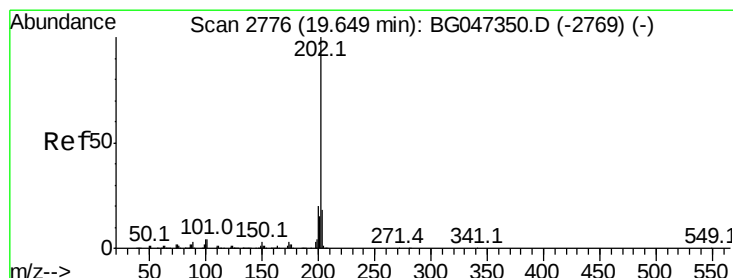
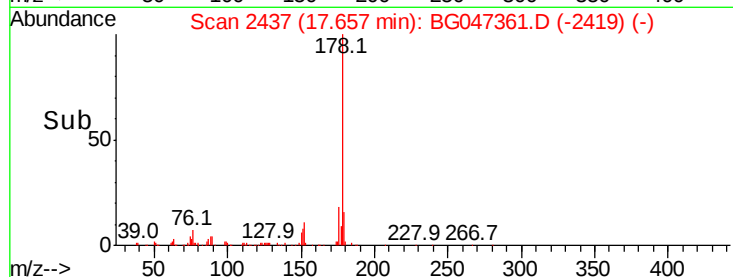
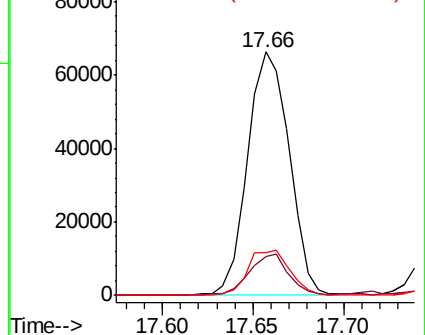
178 100

179 16.0 12.2 18.2

176 17.7 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: 25.795 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

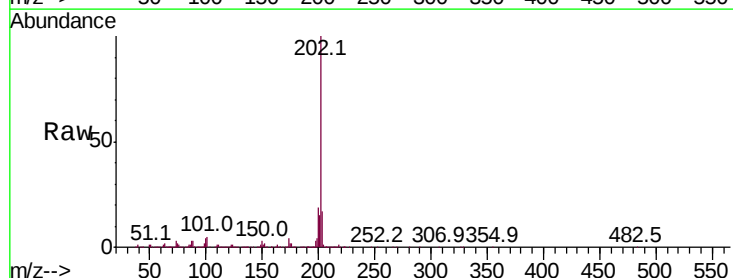
Tgt Ion:202 Resp: 571083

Ion Ratio Lower Upper

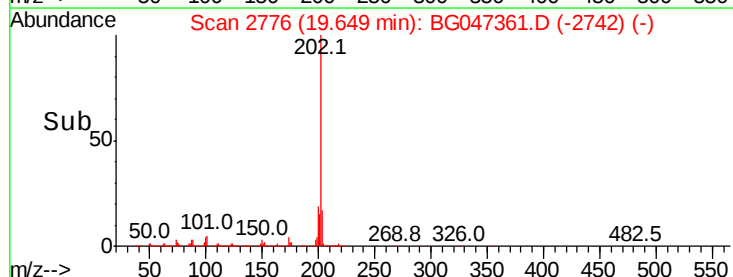
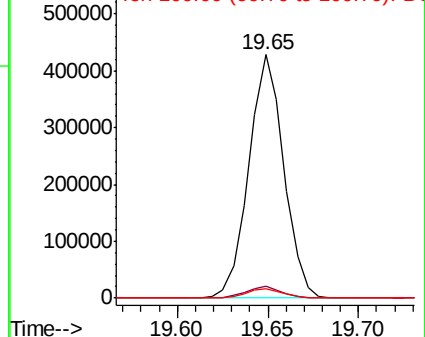
202 100

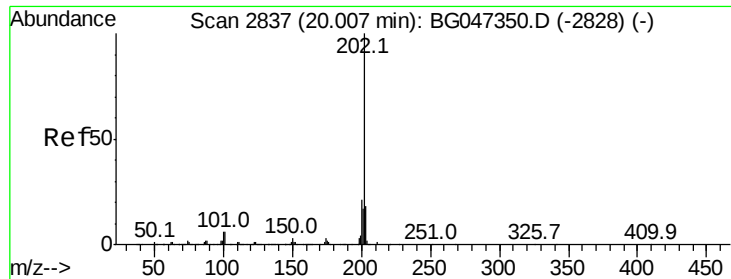
101 5.0 3.3 4.9#

100 4.0 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: 23.534 ng/ul

RT: 20.01 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

Instrument :

BNA_G

ClientSampleId :

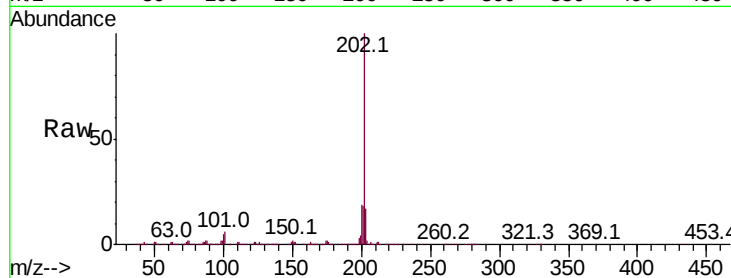
Tot Ion:202 Resp: 474887

Ion Ratio Lower Upper

202 100

101 5.8 5.0 7.4

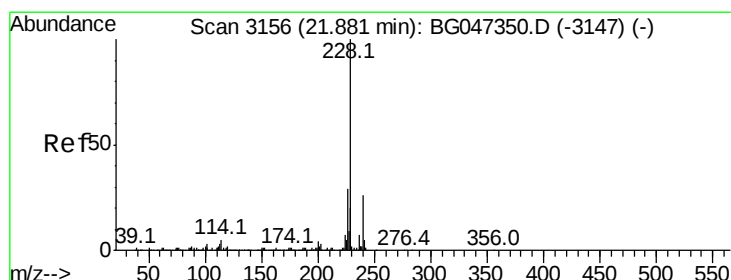
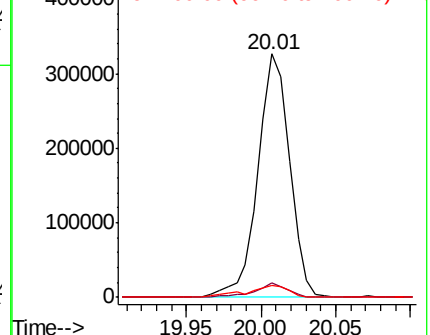
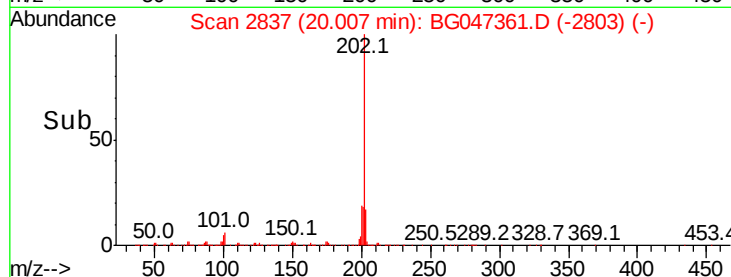
100 5.0 4.6 7.0



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



#83

Benzo(a)anthracene

Concen: 17.807 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

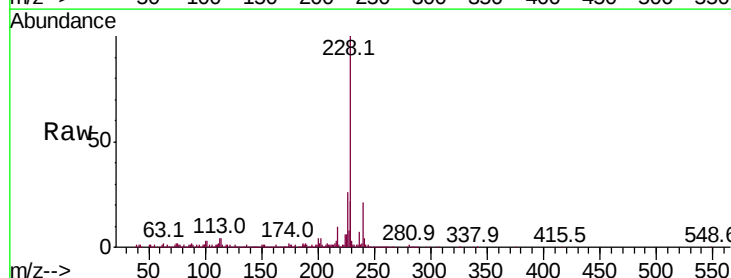
Tgt Ion:228 Resp: 360919

Ion Ratio Lower Upper

228 100

229 21.7 16.2 24.2

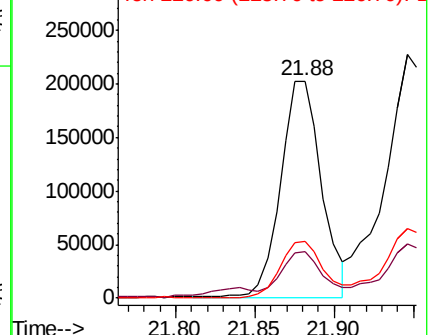
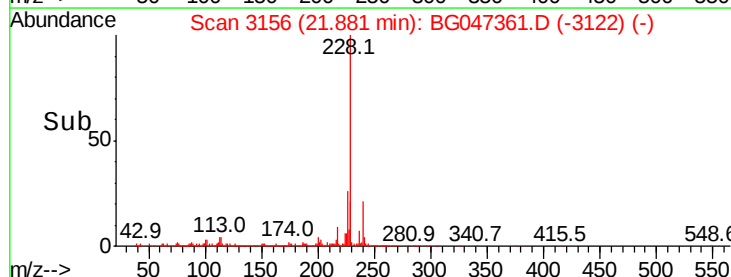
226 26.1 23.3 34.9

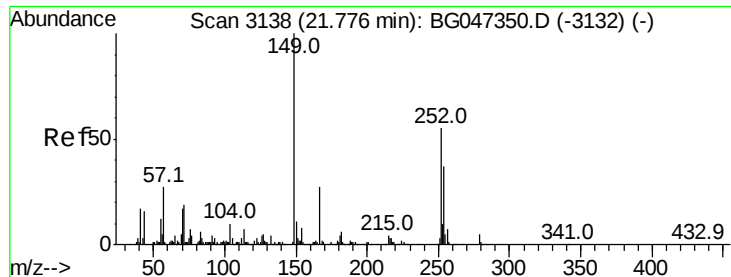


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.531 ng/ul

RT: 21.78 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

Instrument :

BNA_G

ClientSampleId :

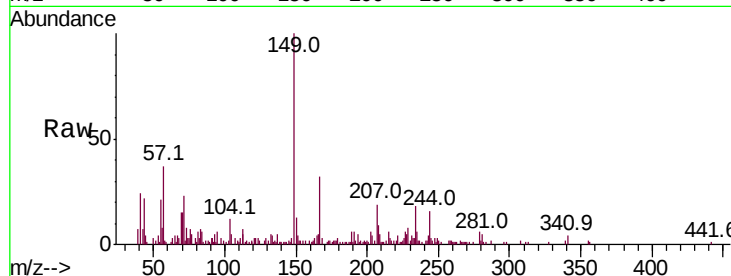
Tot Ion:149 Resp: 25006

Ion Ratio Lower Upper

149 100

167 31.9 21.8 32.8

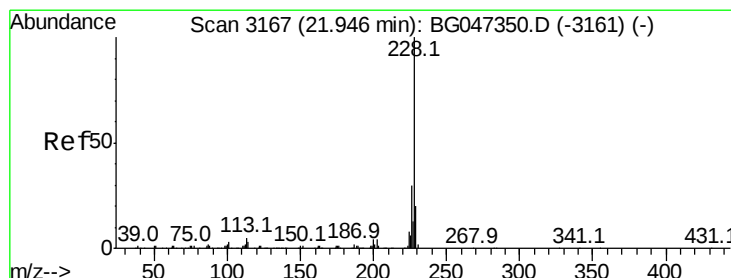
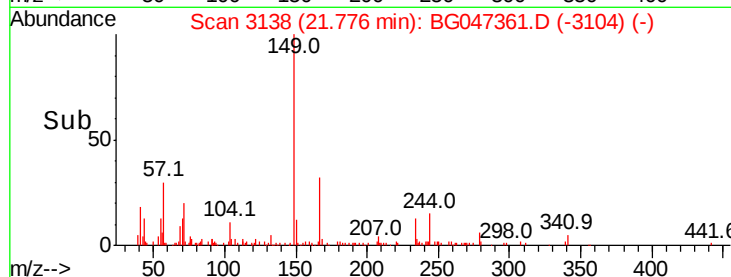
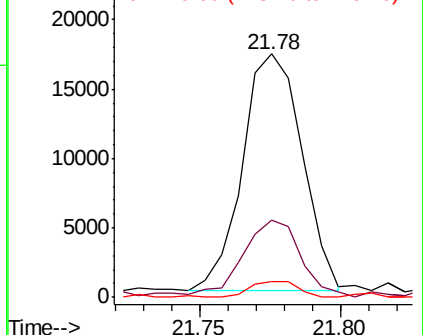
279 6.3 4.2 6.2#



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: 23.027 ng/ul

RT: 21.95 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

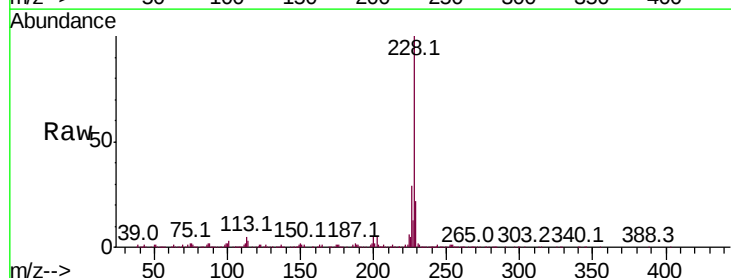
Tgt Ion:228 Resp: 444159

Ion Ratio Lower Upper

228 100

226 28.5 23.8 35.6

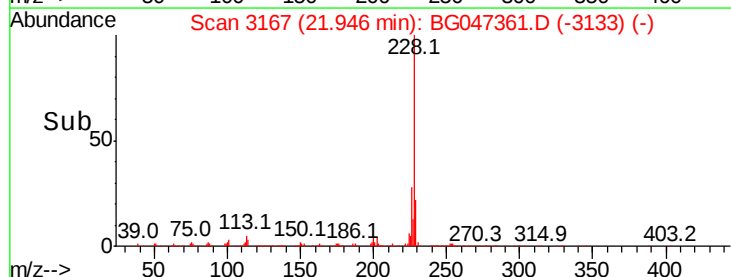
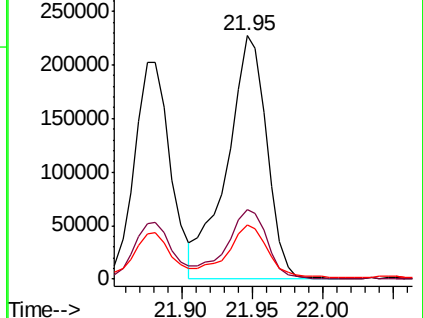
229 22.1 16.3 24.5

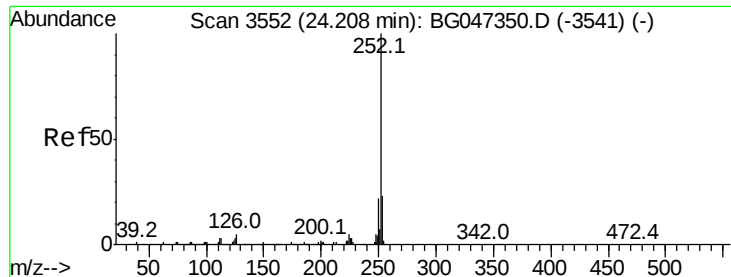


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 27.729 ng/ul

RT: 24.22 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

Instrument :

BNA_G

ClientSampleId :

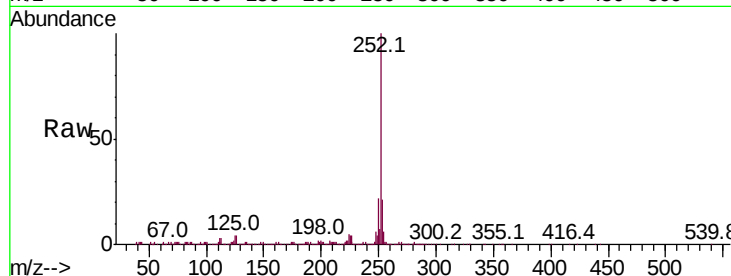
Tot Ion:252 Resp: 591622

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

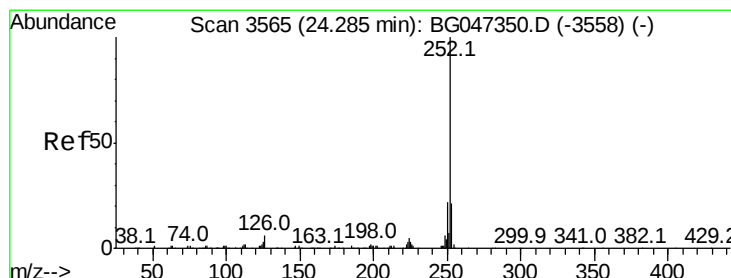
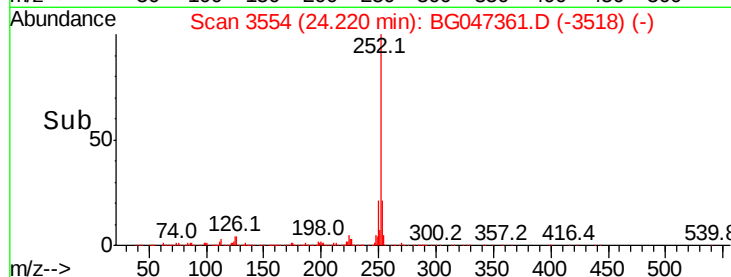
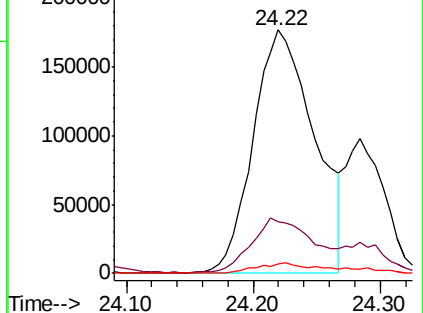
125 3.6 2.5 3.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 9.688 ng/ul

RT: 24.28 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

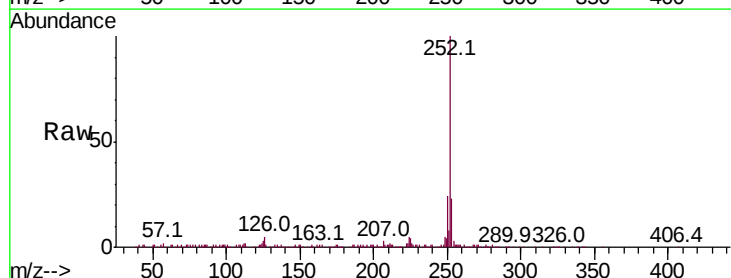
Tgt Ion:252 Resp: 203700

Ion Ratio Lower Upper

252 100

253 23.3 16.7 25.1

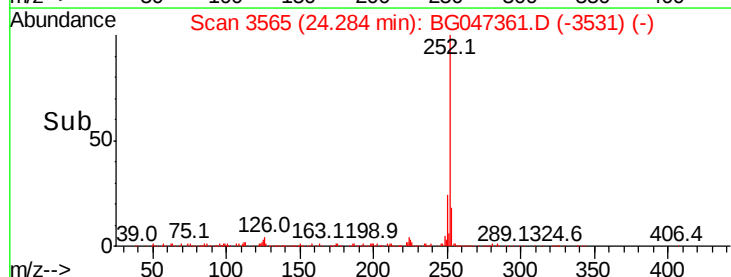
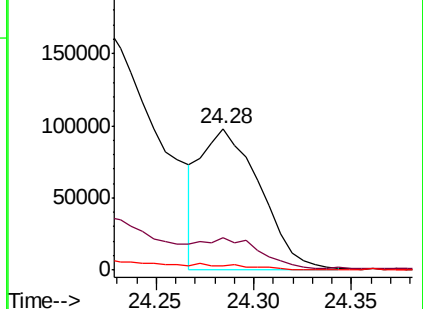
125 3.3 2.6 3.8

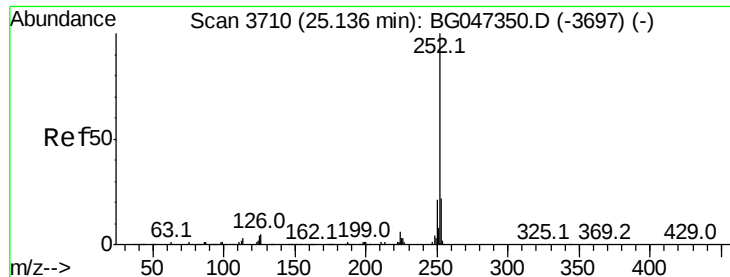


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 19.653 ng/ul

RT: 25.14 min Scan# 3711

Delta R.T. 0.01 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

Instrument :

BNA_G

ClientSampleId :

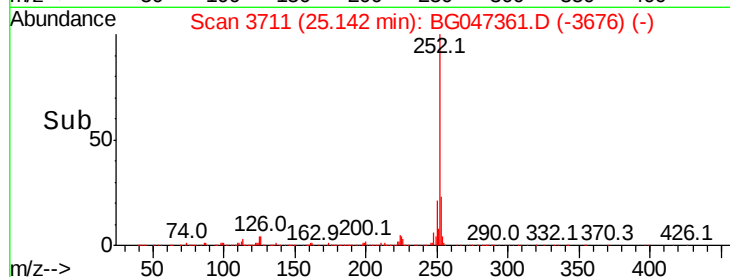
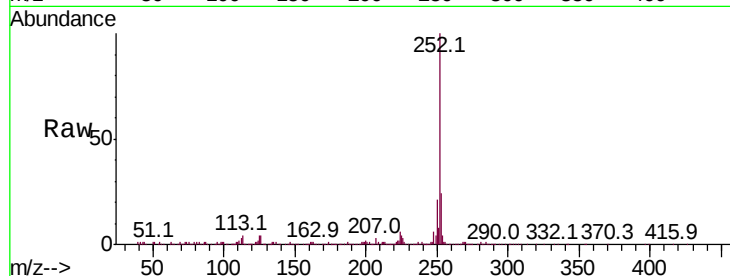
Tot Ion:252 Resp: 373808

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

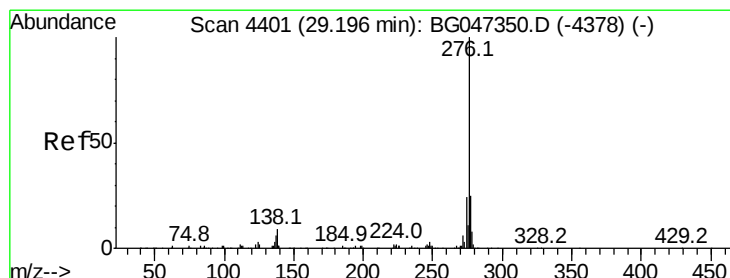
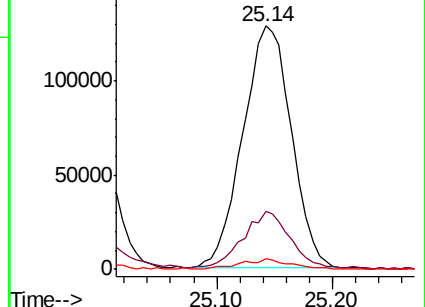
125 4.2 3.1 4.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 12.140 ng/ul

RT: 29.21 min Scan# 4403

Delta R.T. 0.01 min

Lab File: BG047361.D

Acq: 19 Nov 2020 20:44

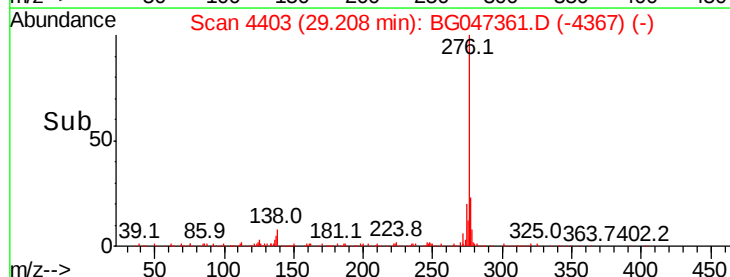
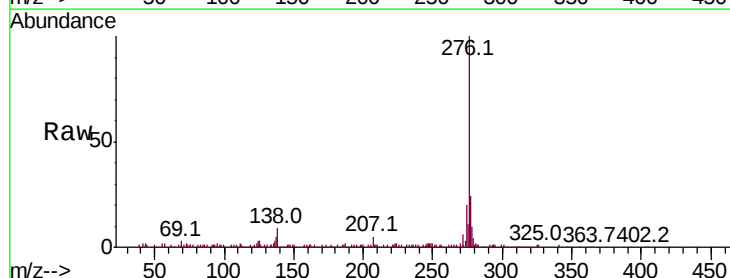
Tgt Ion:276 Resp: 280866

Ion Ratio Lower Upper

276 100

138 8.7 7.5 11.3

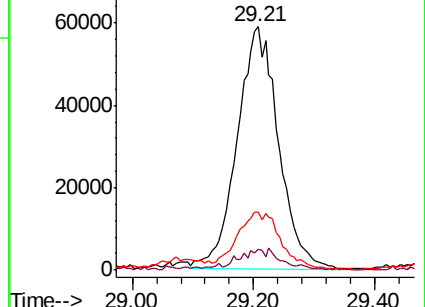
277 23.8 19.9 29.9

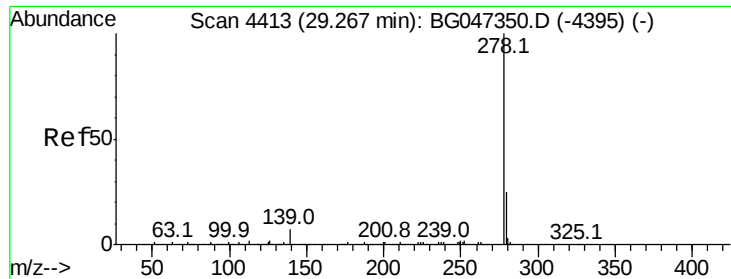


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



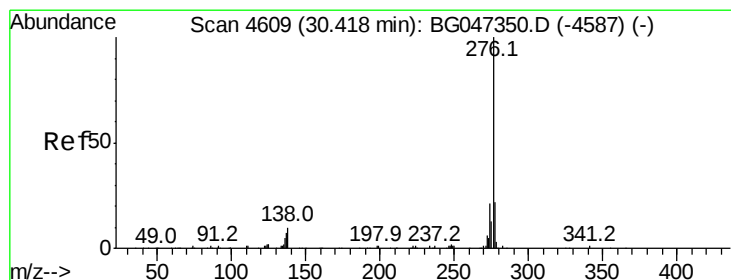
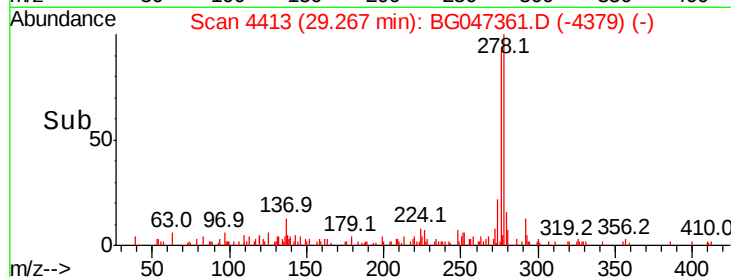
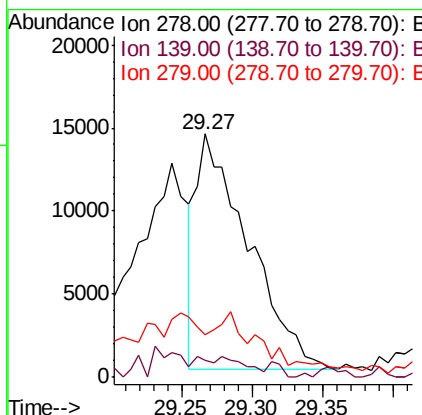
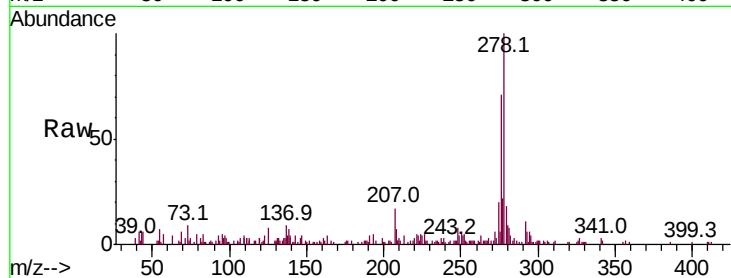


#93
Dibenzo(a,h)anthracene
Concen: 1.899 ng/ul
RT: 29.27 min Scan# 4413
Delta R.T. -0.00 min
Lab File: BG047361.D
Acq: 19 Nov 2020 20:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 36016

Ion	Ratio	Lower	Upper
278	100		
139	7.2	5.8	8.6
279	17.6	20.0	30.0#



#94
Benzo(g,h,i)perylene
Concen: 12.413 ng/ul
RT: 30.43 min Scan# 4611
Delta R.T. 0.01 min
Lab File: BG047361.D
Acq: 19 Nov 2020 20:44

Tgt Ion:276 Resp: 236961

Ion	Ratio	Lower	Upper
276	100		
138	8.5	8.2	12.2
277	23.4	17.5	26.3

