

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047362.D
 Acq On : 19 Nov 2020 21:24
 Operator : CG/JU
 Sample : L4710-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 04:02:39 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	48915	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	197824	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	148753	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	348478	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	303505	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	317968	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2086	1.55	ng/uL	0.00
5) Phenol-d5	7.41	99	61817	12.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	42952	15.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	48378	14.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	37156	9.86	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	25057	15.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	29242	16.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	59666	14.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	51463	12.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	191957	15.03	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	252427	17.10	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	13282	6.82	ng/ul	0.00
58) Fluorene-d10	15.87	176	183252	15.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	19603	9.88	ng/ul	0.00
71) Anthracene-d10	17.72	188	281571	16.29	ng/ul	0.00
79) Pyrene-d10	19.98	212	313613	17.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	306674	16.76	ng/ul	0.00

Target Compounds

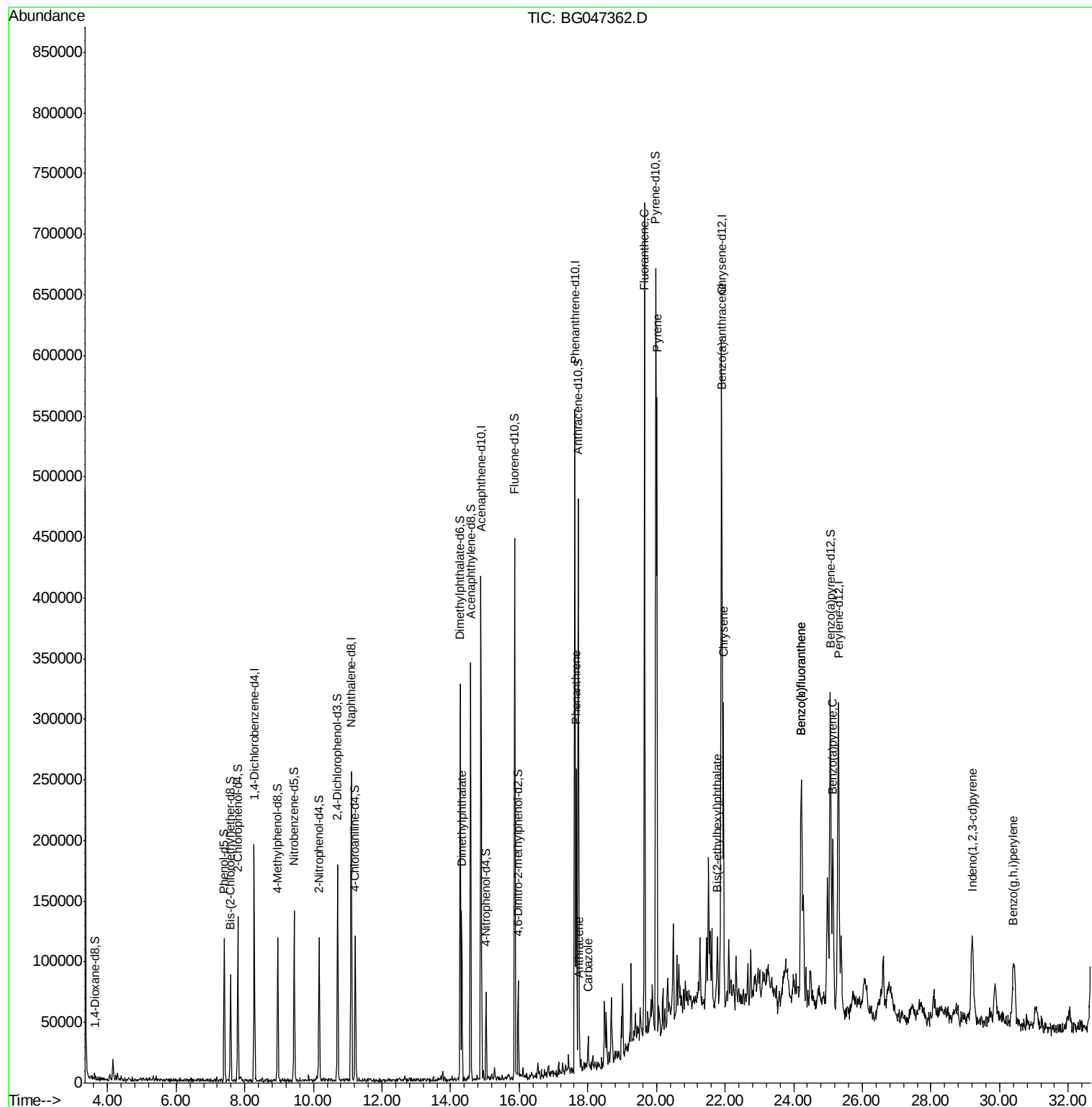
					Ovalue	
45) Dimethylphthalate	14.32	163	83263	6.392	ng/ul	98
70) Phenanthrene	17.66	178	153850	8.175	ng/ul	98
72) Anthracene	17.75	178	23681	1.250	ng/ul	95
75) Carbazole	18.00	167	15473	1.012	ng/ul#	92
77) Fluoranthene	19.65	202	442431	18.616	ng/ul	99
80) Pyrene	20.01	202	346537	16.119	ng/ul	99
83) Benzo(a)anthracene	21.88	228	176180	8.158	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.78	149	21440	2.037	ng/ul#	87
85) Chrysene	21.95	228	198238	9.646	ng/ul	97
88) Benzo(b)fluoranthene	24.22	252	268084	11.941	ng/ul#	97
89) Benzo(k)fluoranthene	24.22	252	268084	12.117	ng/ul#	97
91) Benzo(a)pyrene	25.14	252	172469	8.618	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	29.20	276	82377	3.384	ng/ul#	93
94) Benzo(g,h,i)perylene	30.39	276	38897	1.936	ng/ul	98

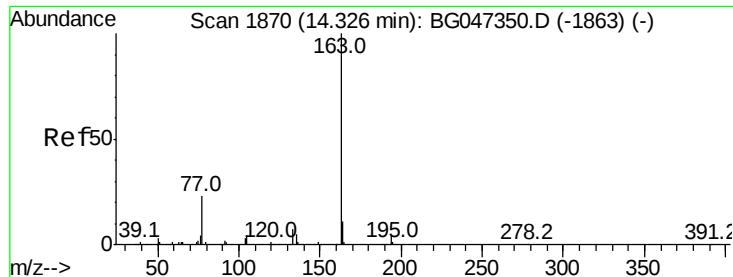
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.392 ng/ul

RT: 14.32 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Instrument :

BNA_G

ClientSampleId :

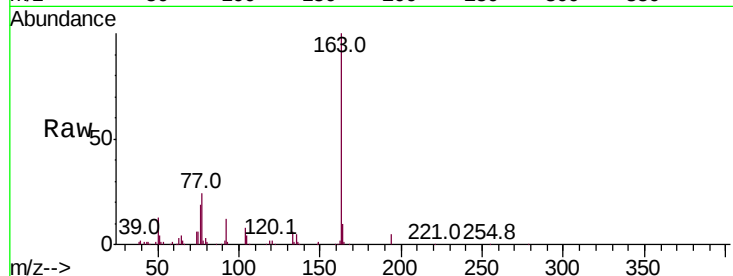
Tot Ion:163 Resp: 83263

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

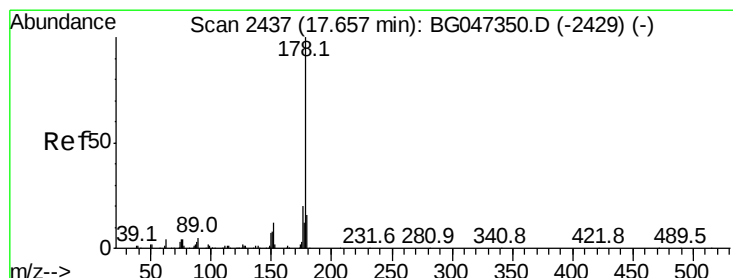
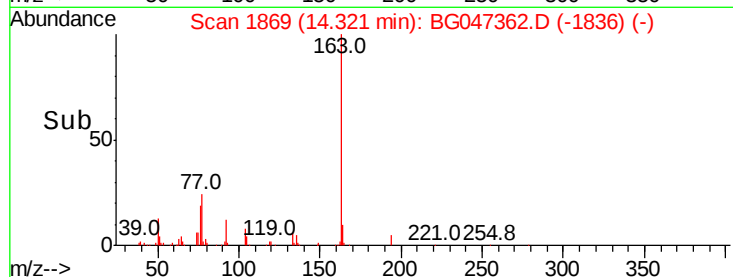
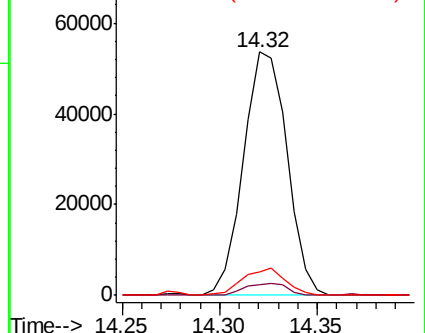
164 9.9 8.8 13.2



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: 8.175 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

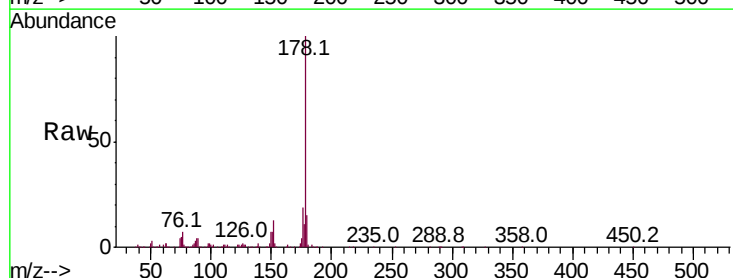
Tgt Ion:178 Resp: 153850

Ion Ratio Lower Upper

178 100

179 14.9 12.8 19.2

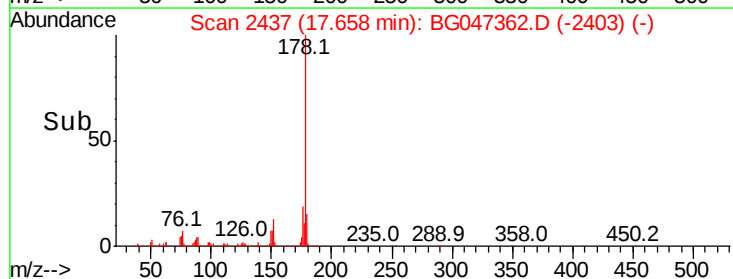
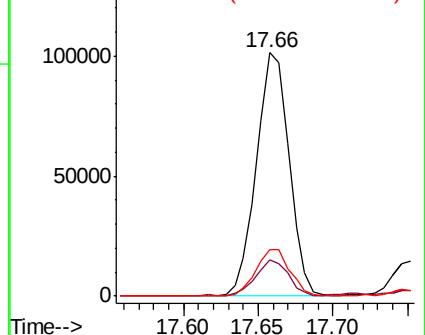
176 19.1 15.7 23.5

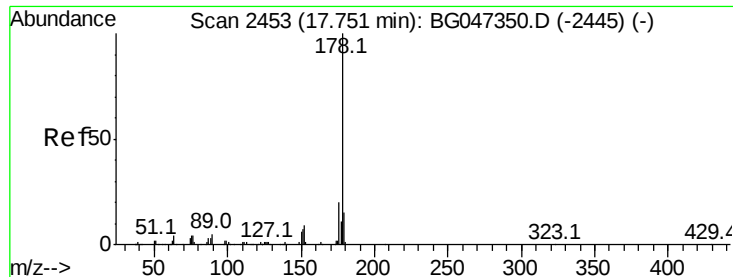


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.250 ng/ul

RT: 17.75 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

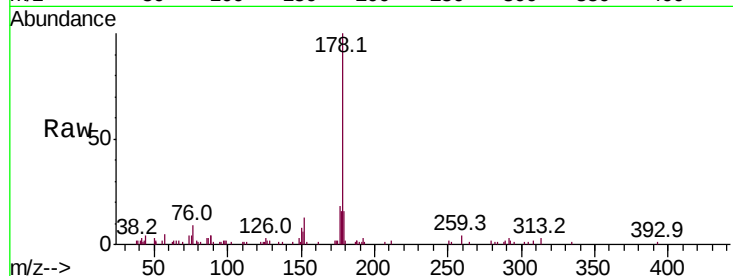
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 23681

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.2
176	17.6	16.2	24.4

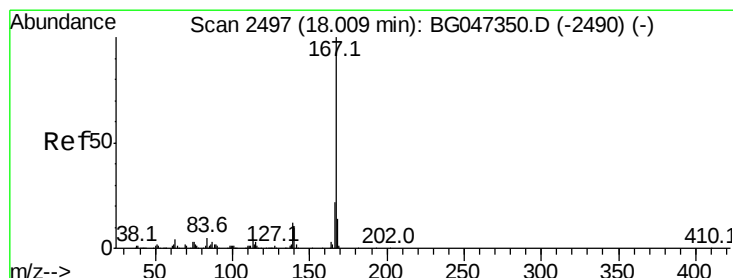
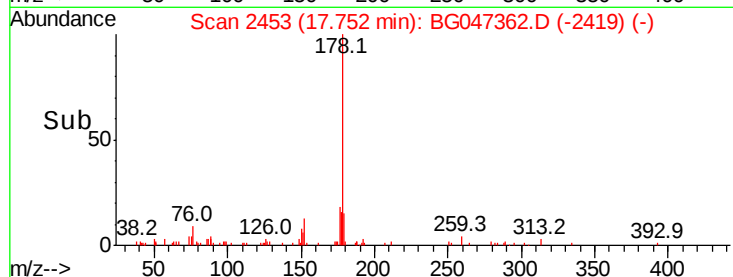
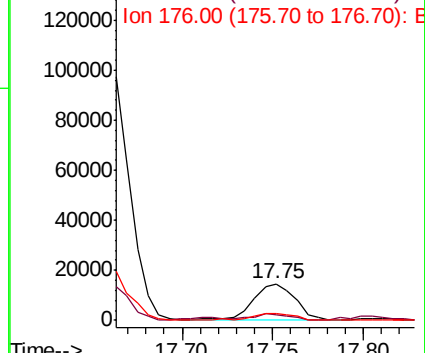


Abundance

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



#75

Carbazole

Concen: 1.012 ng/ul

RT: 18.00 min Scan# 2496

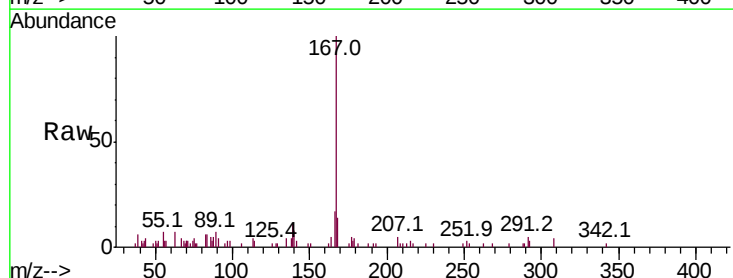
Delta R.T. -0.01 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Tgt Ion:167 Resp: 15473

Ion	Ratio	Lower	Upper
167	100		
166	16.8	17.8	26.6#
139	11.2	9.9	14.9

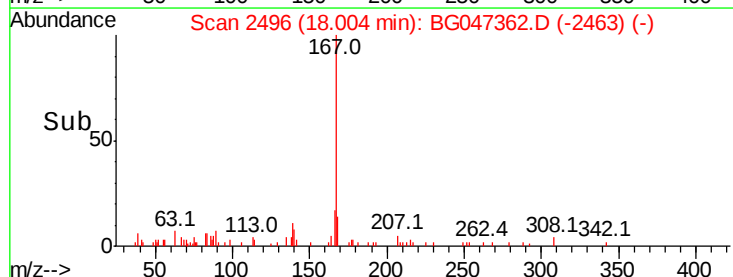
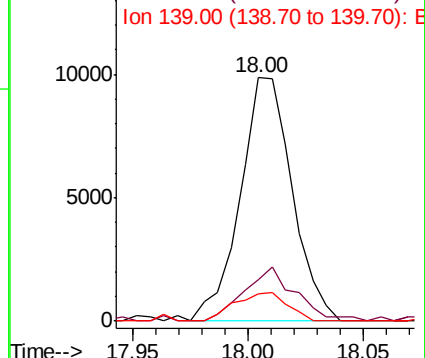


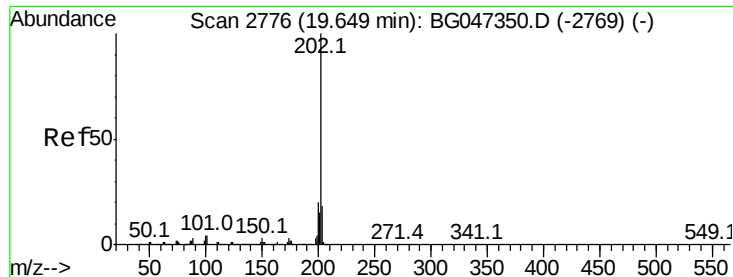
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

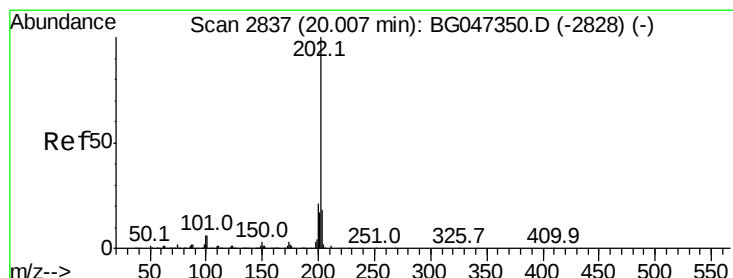
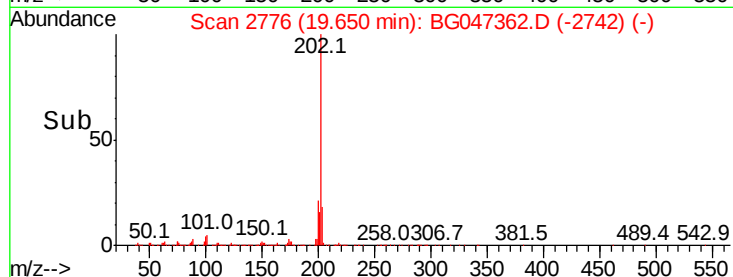
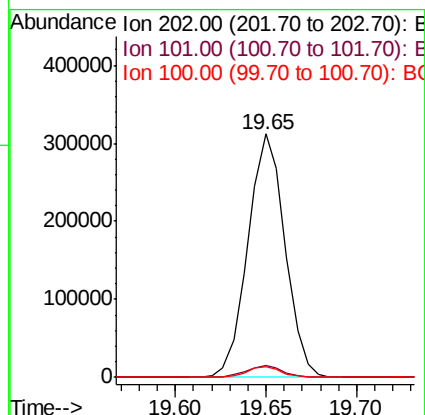
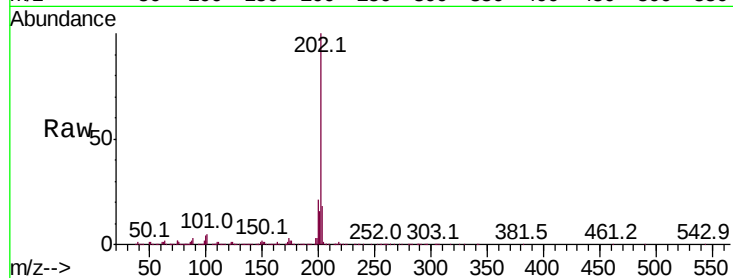




#77
Fluoranthene
 Concen: 18.616 ng/ul
 RT: 19.65 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: BG047362.D
 Acq: 19 Nov 2020 21:24

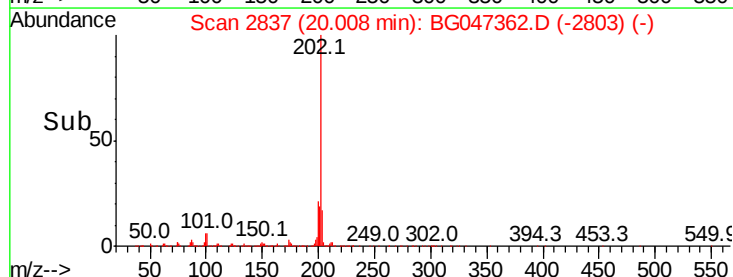
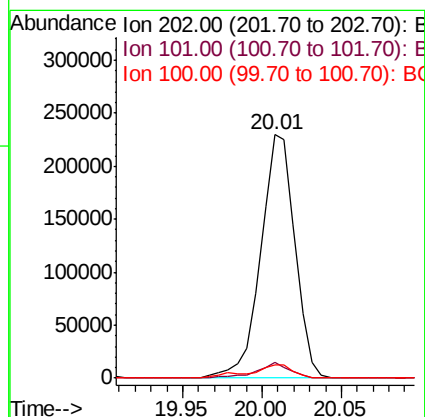
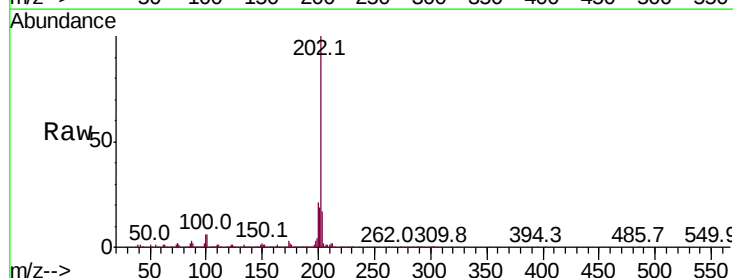
Instrument :
 BNA_G
 ClientSampleId :

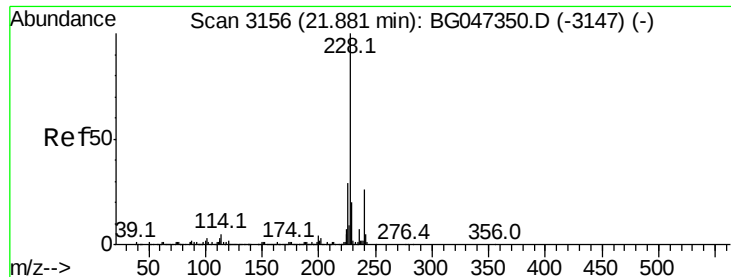
Tot Ion:	202	Resp:	442431
Ion	Ratio	Lower	Upper
202	100		
101	4.7	3.3	4.9
100	4.3	3.4	5.0



#80
Pyrene
 Concen: 16.119 ng/ul
 RT: 20.01 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BG047362.D
 Acq: 19 Nov 2020 21:24

Tgt Ion:	202	Resp:	346537
Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.0	7.4
100	5.6	4.6	7.0





#83

Benzo(a)anthracene

Concen: 8.158 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

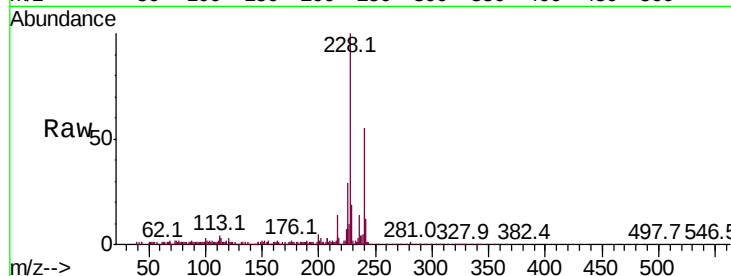
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 176180

Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.2	24.2
226	29.2	23.3	34.9

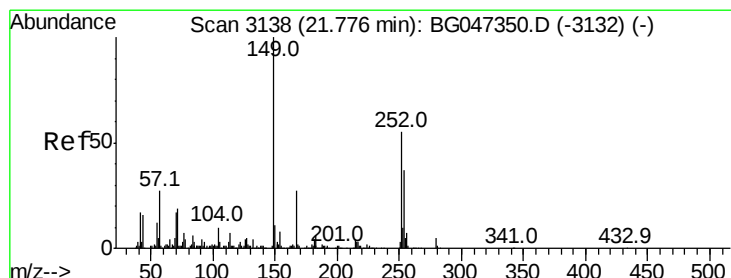
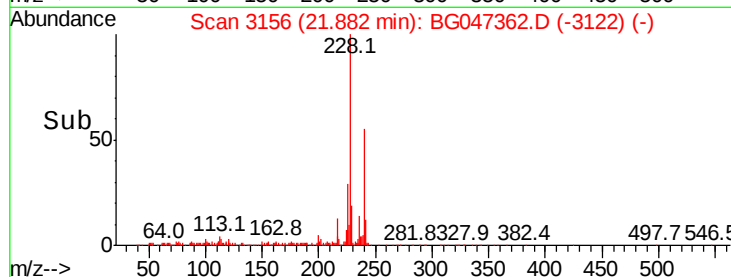
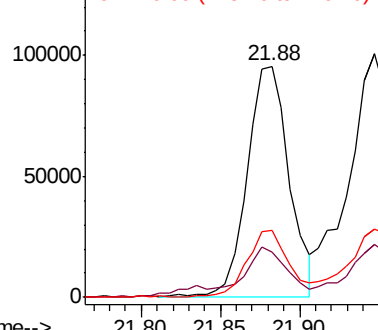


Abundance

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: 2.037 ng/ul

RT: 21.78 min Scan# 3138

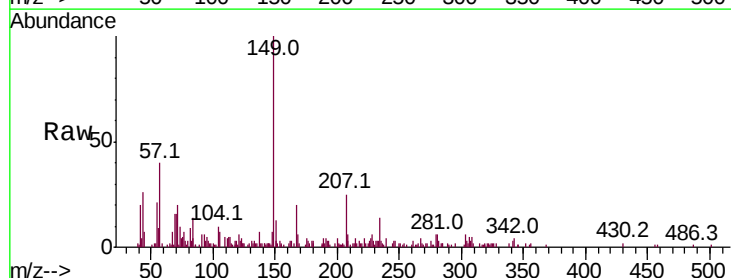
Delta R.T. 0.00 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Tgt Ion:149 Resp: 21440

Ion	Ratio	Lower	Upper
149	100		
167	19.6	21.8	32.8#
279	6.2	4.2	6.2

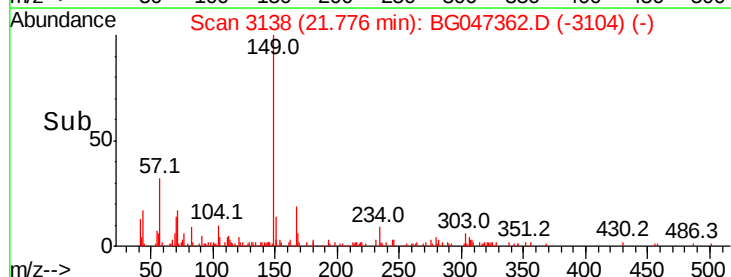
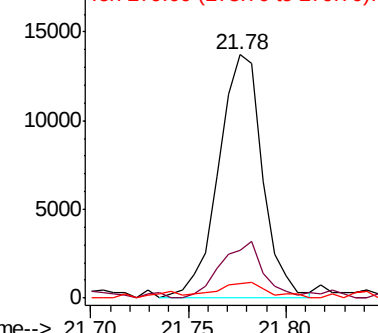


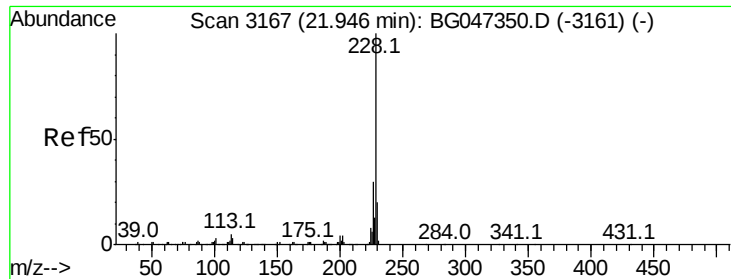
Abundance

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: 9.646 ng/ul

RT: 21.95 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Instrument :

BNA_G

ClientSampleId :

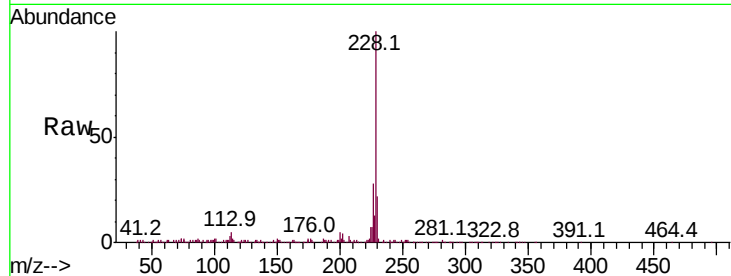
Tot Ion:228 Resp: 198238

Ion Ratio Lower Upper

228 100

226 28.3 23.8 35.6

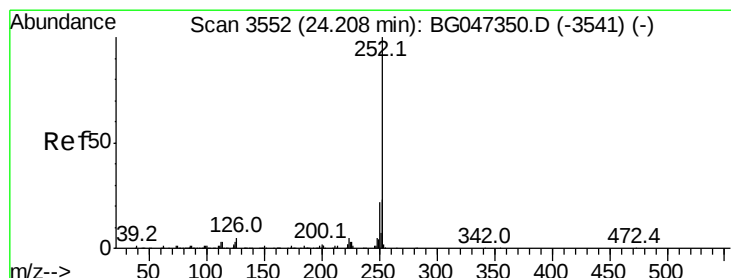
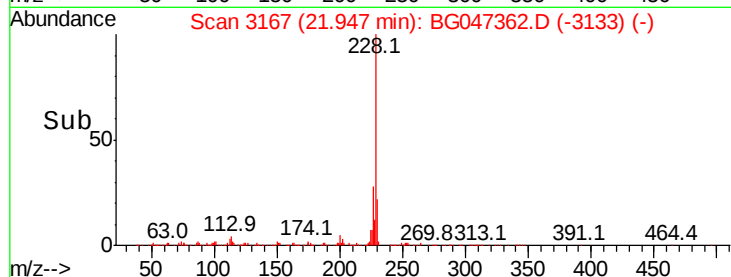
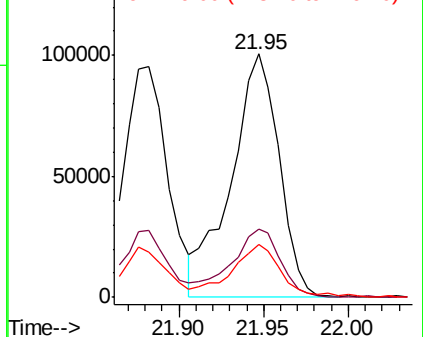
229 21.9 16.3 24.5



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: 11.941 ng/ul

RT: 24.22 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

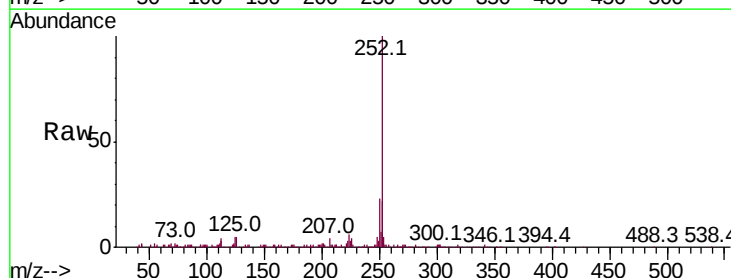
Tgt Ion:252 Resp: 268084

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

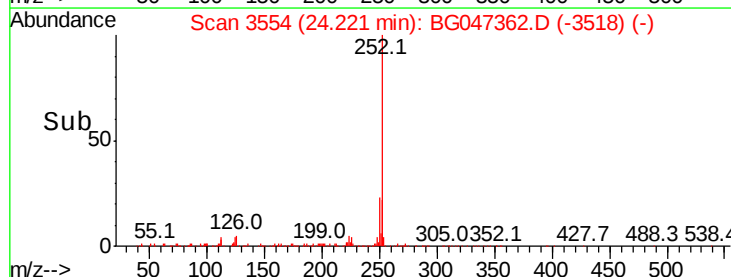
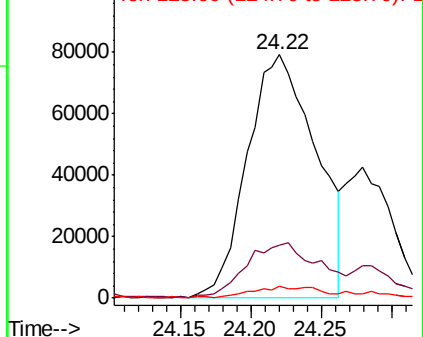
125 4.7 2.5 3.7#

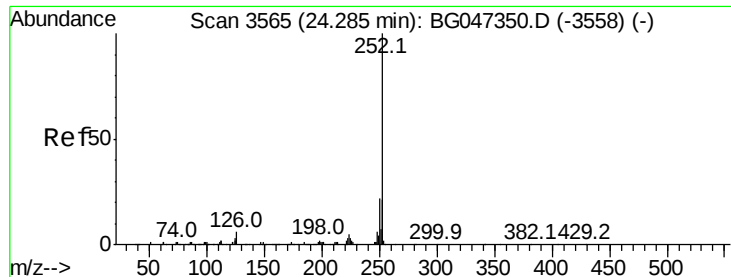


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 12.117 ng/ul

RT: 24.22 min Scan# 3554

Delta R.T. -0.06 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Instrument :

BNA_G

ClientSampleId :

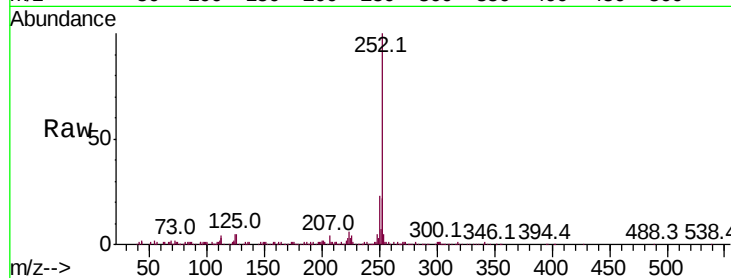
Tot Ion:252 Resp: 268084

Ion Ratio Lower Upper

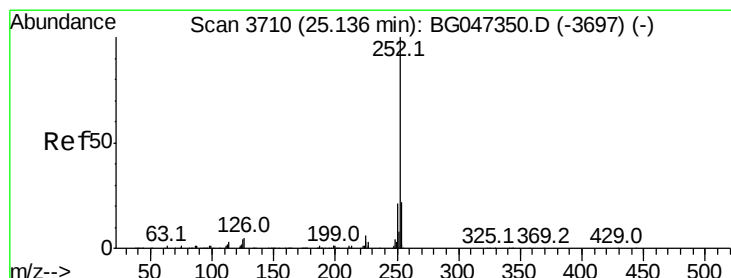
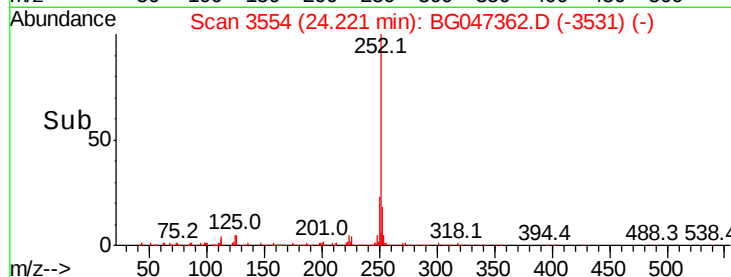
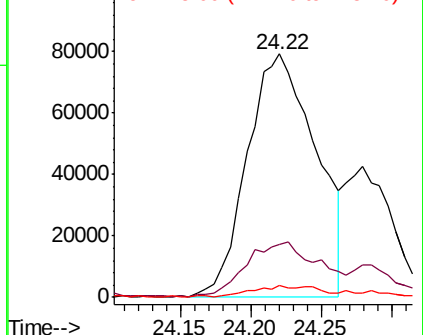
252 100

253 21.9 16.7 25.1

125 4.7 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: 8.618 ng/ul

RT: 25.14 min Scan# 3710

Delta R.T. 0.00 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

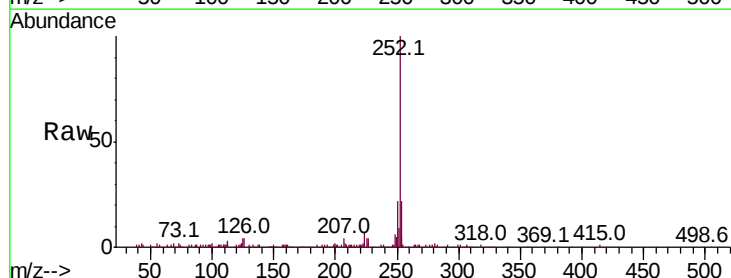
Tgt Ion:252 Resp: 172469

Ion Ratio Lower Upper

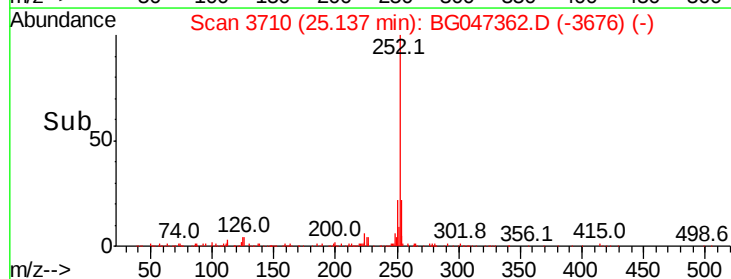
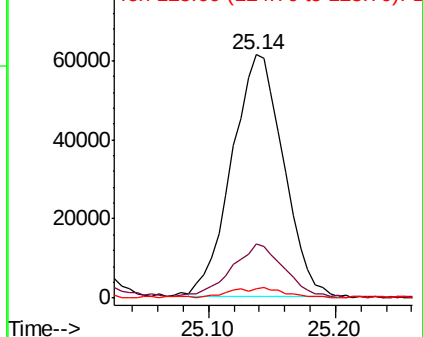
252 100

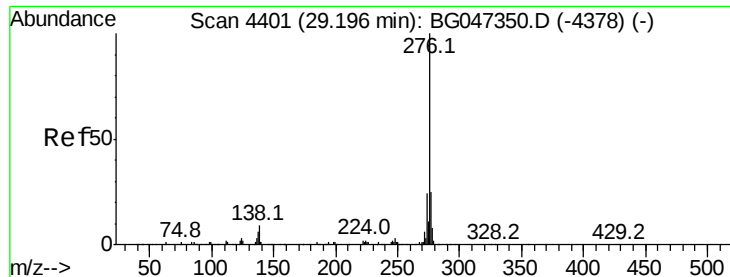
253 22.1 17.5 26.3

125 3.9 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: 3.384 ng/ul

RT: 29.20 min Scan# 4401

Delta R.T. 0.00 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

Instrument :

BNA_G

ClientSampleId :

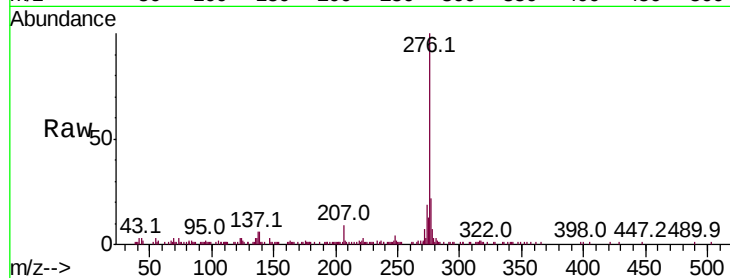
Tot Ion:276 Resp: 82377

Ion Ratio Lower Upper

276 100

138 6.4 7.5 11.3#

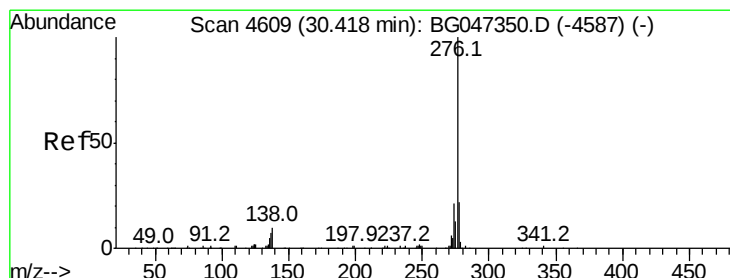
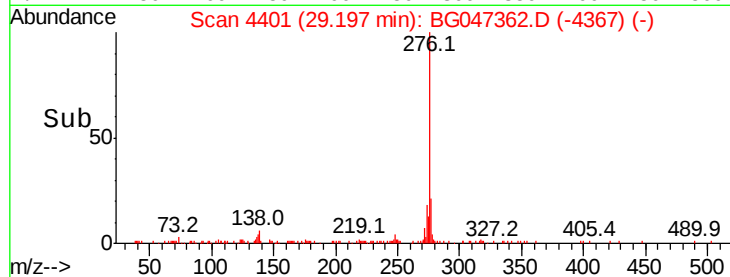
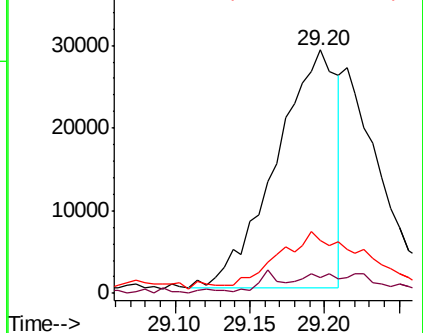
277 21.7 19.9 29.9



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



#94

Benzo(g,h,i)perylene

Concen: 1.936 ng/ul

RT: 30.39 min Scan# 4604

Delta R.T. -0.03 min

Lab File: BG047362.D

Acq: 19 Nov 2020 21:24

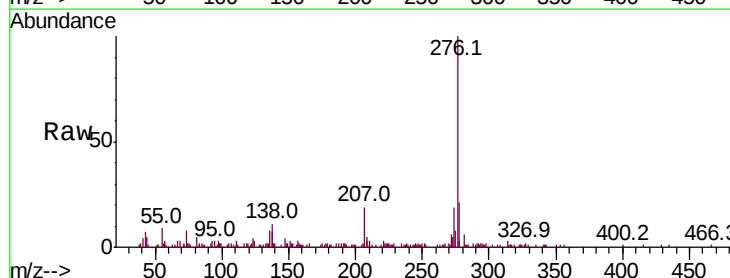
Tgt Ion:276 Resp: 38897

Ion Ratio Lower Upper

276 100

138 11.2 8.2 12.2

277 21.1 17.5 26.3



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

