

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
 Data File : BG046902.D
 Acq On : 14 Oct 2020 21:09
 Operator : CG/JU
 Sample : L4360-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7X4

Quant Time: Oct 15 02:24:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 15 00:34:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	71709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	290787	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	209927	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	506472	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	548049	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	550051	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	7977	5.46	ng/uL	0.00
5) Phenol-d5	7.24	99	29926	4.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	63569	16.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	74055	16.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	56275	11.72	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	43715	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	52057	23.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	107093	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	118107	19.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	361246	22.52	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	387979	20.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	14043	5.14	ng/ul	0.01
58) Fluorene-d10	15.71	176	308100	20.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	37255	14.72	ng/ul	0.00
71) Anthracene-d10	17.56	188	510648	21.98	ng/ul	0.00
79) Pyrene-d10	19.85	212	627814	22.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	642969	21.69	ng/ul	0.00

Target Compounds

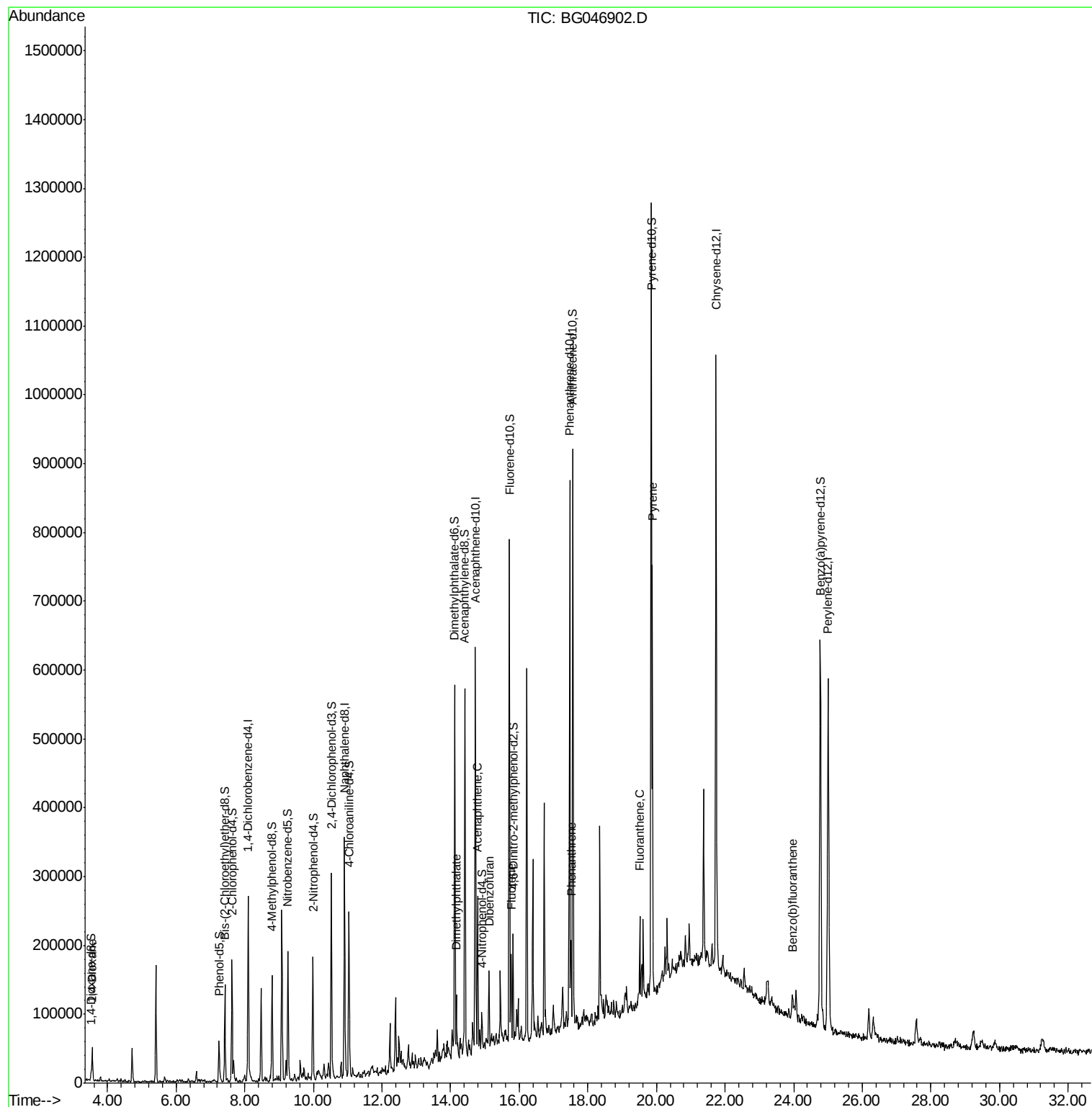
					Ovalue	
2) 1,4-Dioxane	3.55	88	24152	12.896	ng/uL	87
45) Dimethylphthalate	14.17	163	54855	3.379	ng/ul#	96
50) Acenaphthene	14.78	153	92130	6.899	ng/ul	99
54) Dibenzofuran	15.12	168	63501	3.236	ng/ul	95
59) Fluorene	15.76	166	57740	3.624	ng/ul	96
70) Phenanthrene	17.51	178	71021	2.565	ng/ul	98
77) Fluoranthene	19.51	202	78455	2.386	ng/ul	98
80) Pyrene	19.87	202	69027	1.960	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	38383	1.058	ng/ul	98

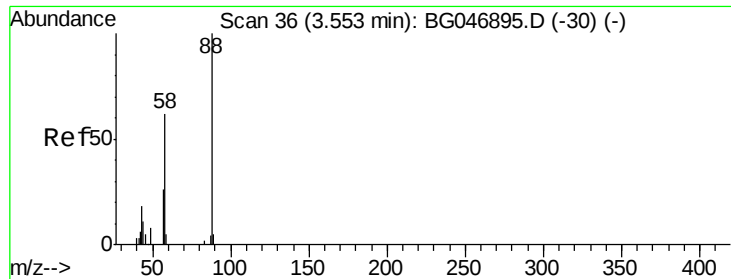
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 12.896 ng/uL

RT: 3.55 min Scan# 37

Delta R.T. 0.00 min

Lab File: BG046902.D

Acq: 14 Oct 2020 21:09

Instrument :

BNA_G

ClientSampleId :

CB7X4

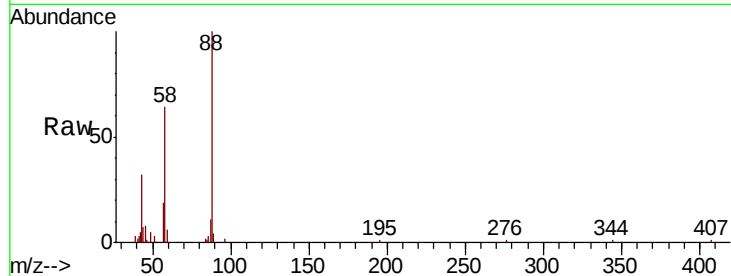
Tot Ion: 88 Resp: 24152

Ion Ratio Lower Upper

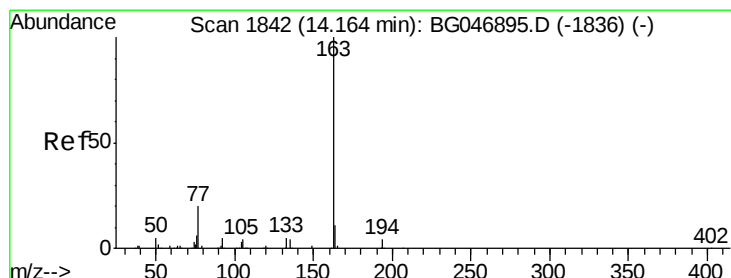
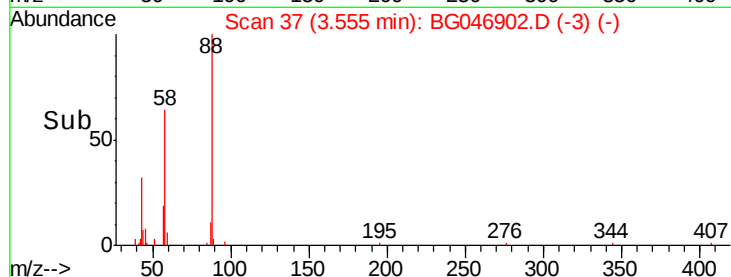
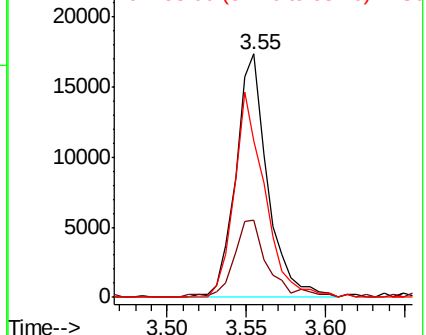
88 100

43 31.6 22.3 33.5

58 64.4 62.2 93.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#45

Dimethylphthalate

Concen: 3.379 ng/uL

RT: 14.17 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BG046902.D

Acq: 14 Oct 2020 21:09

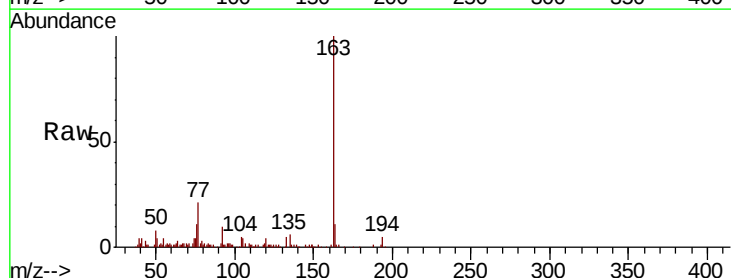
Tgt Ion: 163 Resp: 54855

Ion Ratio Lower Upper

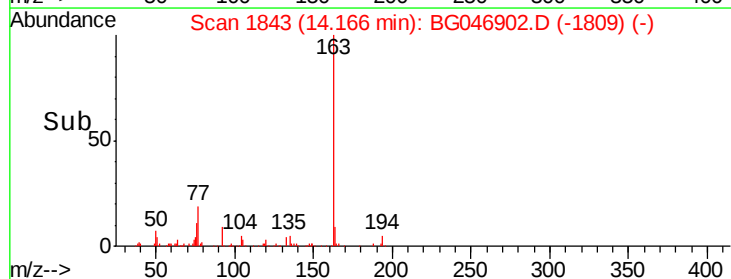
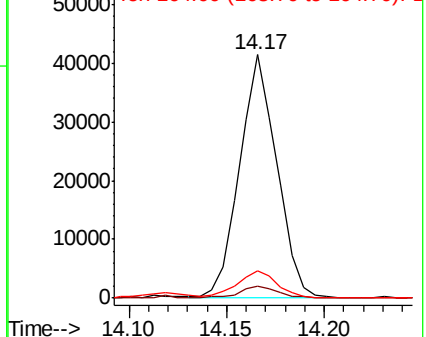
163 100

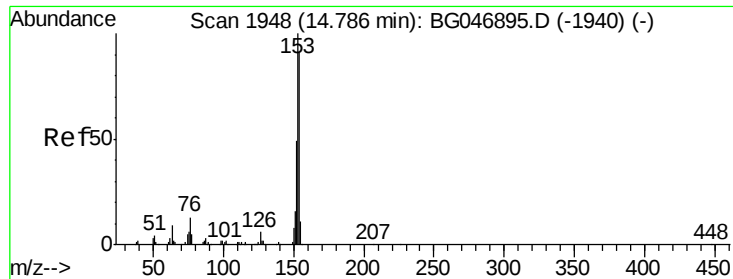
194 4.9 3.6 5.4

164 11.4 7.4 11.0#



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





#50

Acenaphthene

Concen: 6.899 ng/ul

RT: 14.78 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG046902.D

Acq: 14 Oct 2020 21:09

Instrument :

BNA_G

ClientSampleId :

CB7X4

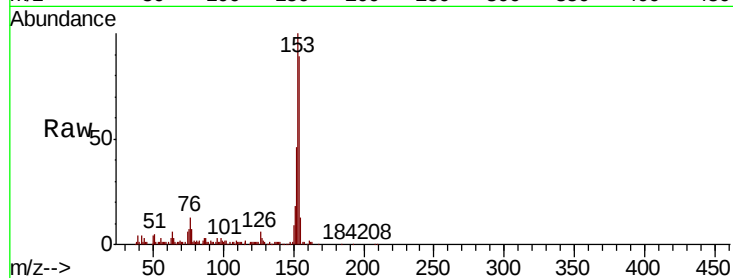
Tot Ion:153 Resp: 92130

Ion Ratio Lower Upper

153 100

152 46.4 37.2 55.8

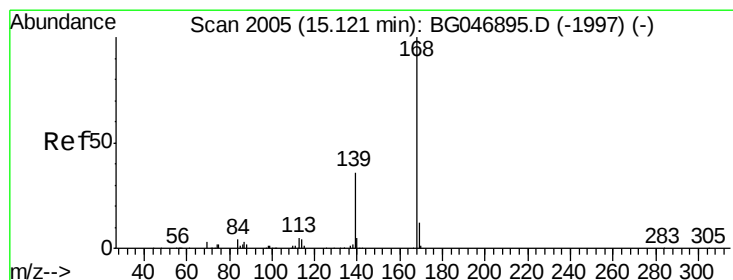
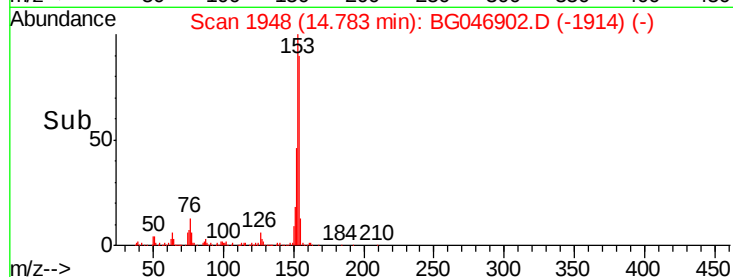
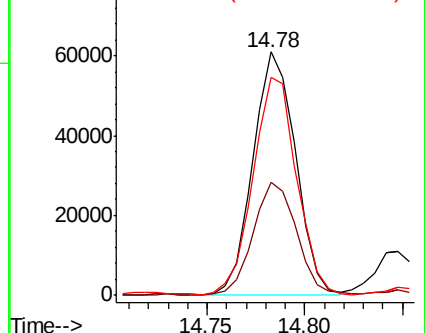
154 89.5 72.9 109.3



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 3.236 ng/ul

RT: 15.12 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG046902.D

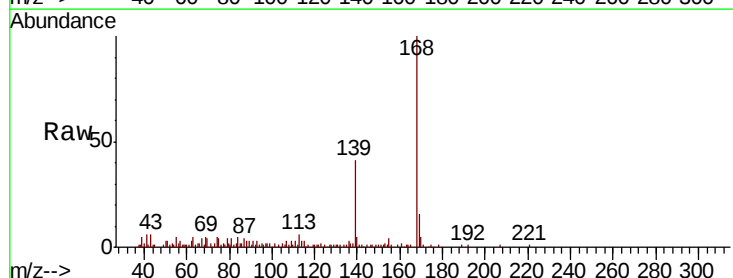
Acq: 14 Oct 2020 21:09

Tgt Ion:168 Resp: 63501

Ion Ratio Lower Upper

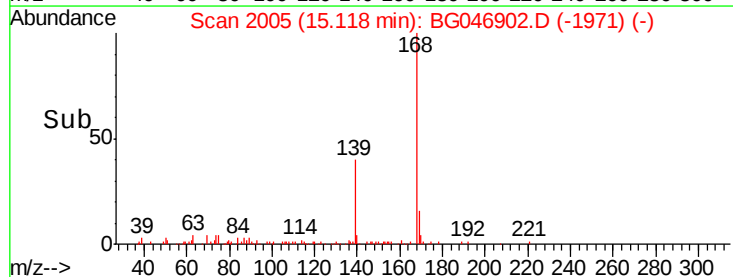
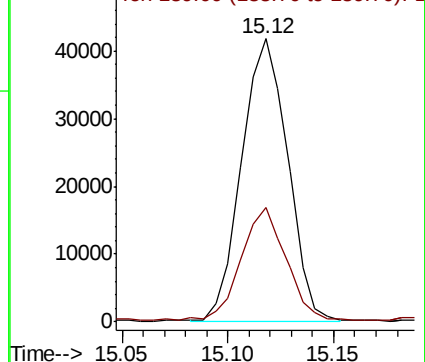
168 100

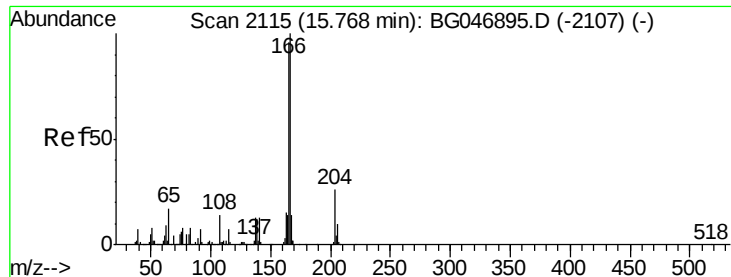
139 40.6 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 3.624 ng/ul

RT: 15.76 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG046902.D

Acq: 14 Oct 2020 21:09

Instrument :

BNA_G

ClientSampleId :

CB7X4

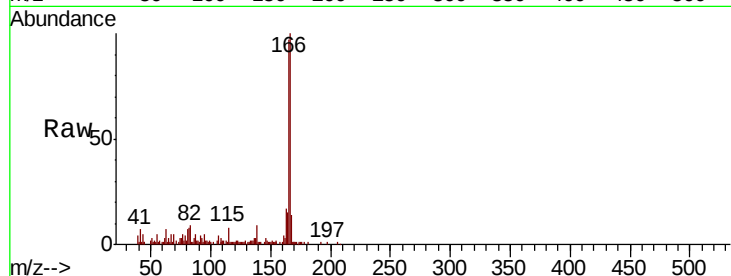
Tot Ion:166 Resp: 57740

Ion Ratio Lower Upper

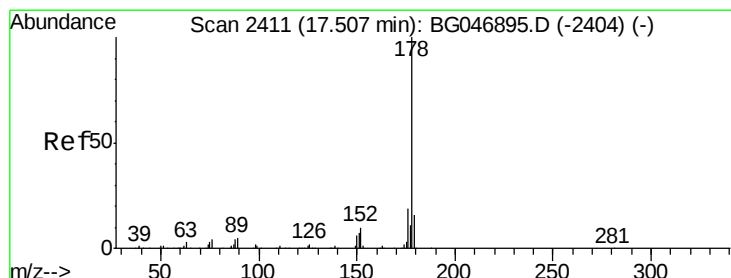
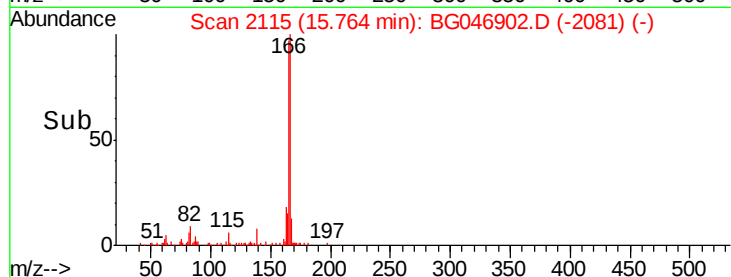
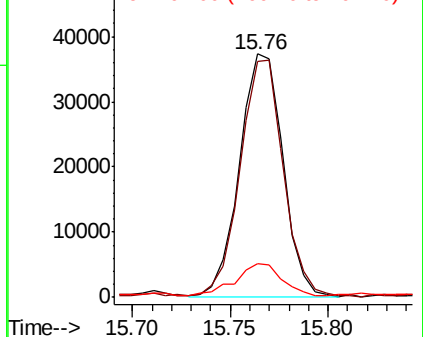
166 100

165 97.1 74.2 111.2

167 13.6 9.8 14.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 2.565 ng/ul

RT: 17.51 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG046902.D

Acq: 14 Oct 2020 21:09

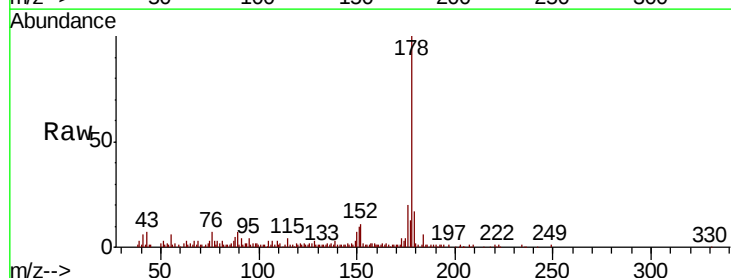
Tgt Ion:178 Resp: 71021

Ion Ratio Lower Upper

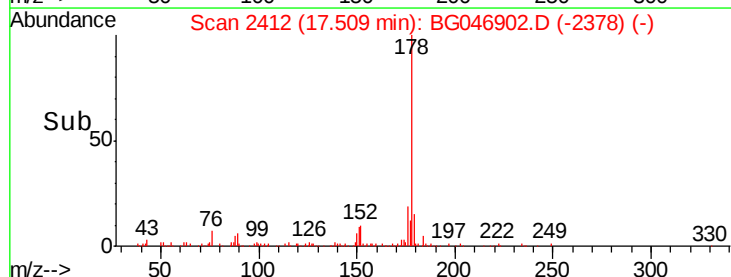
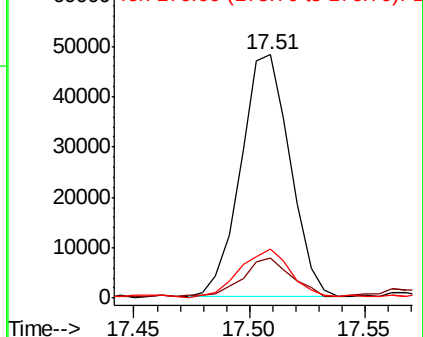
178 100

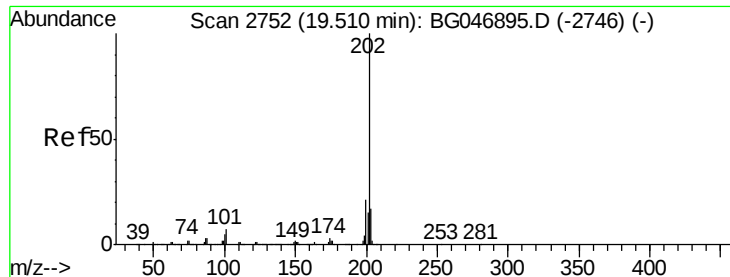
179 16.6 12.6 18.8

176 20.2 15.4 23.2



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

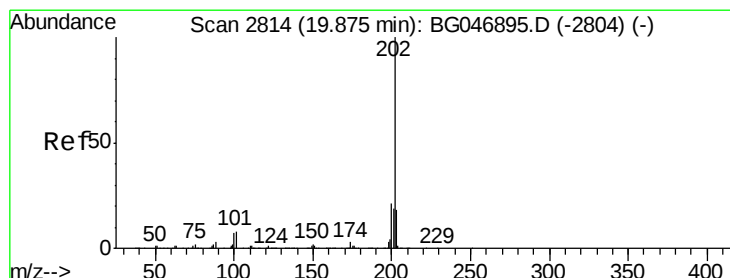
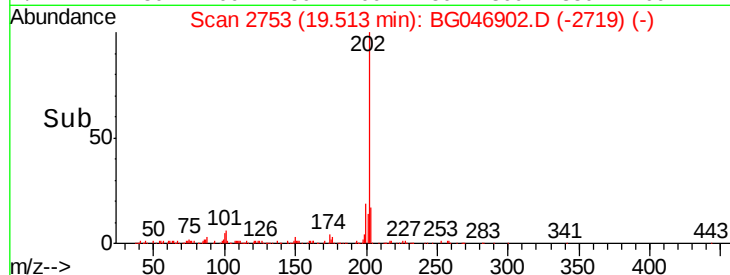
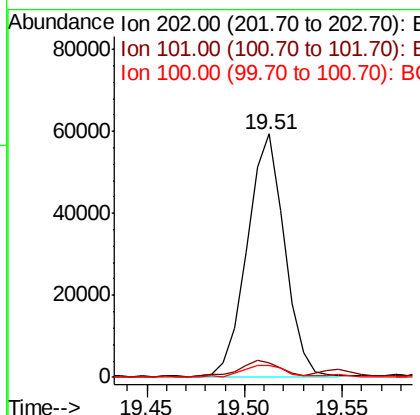
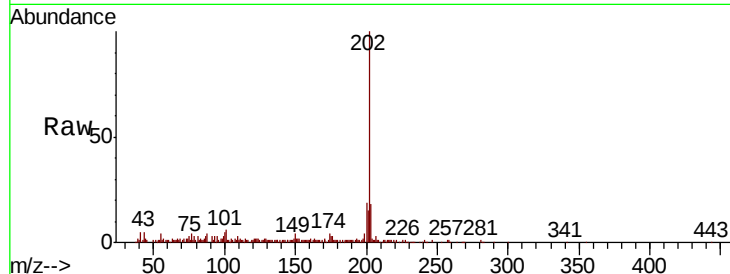




#77
Fluoranthene
 Concen: 2.386 ng/ul
 RT: 19.51 min Scan# 2753
 Delta R.T. 0.00 min
 Lab File: BG046902.D
 Acq: 14 Oct 2020 21:09

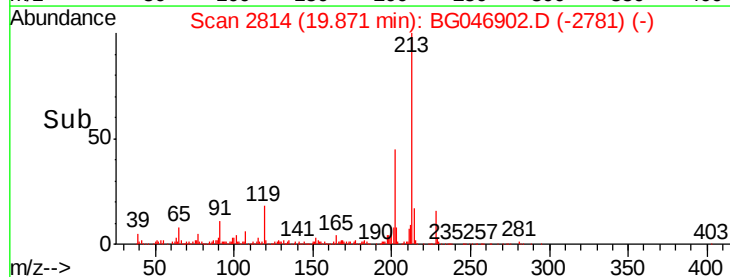
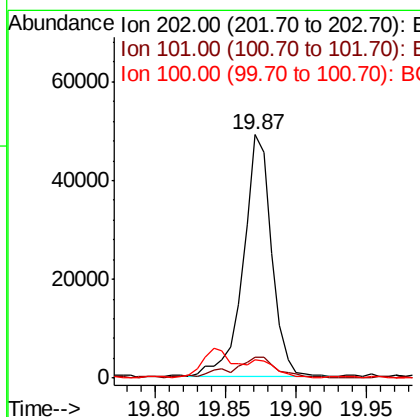
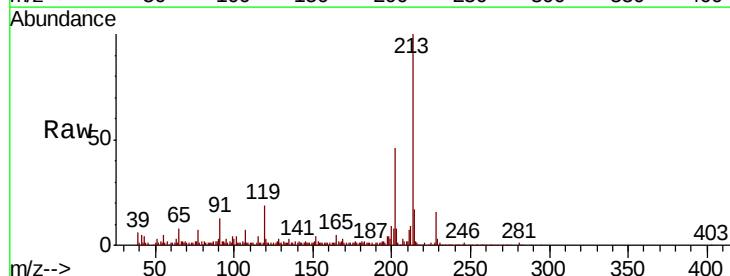
Instrument :
 BNA_G
 ClientSampleId :
 CB7X4

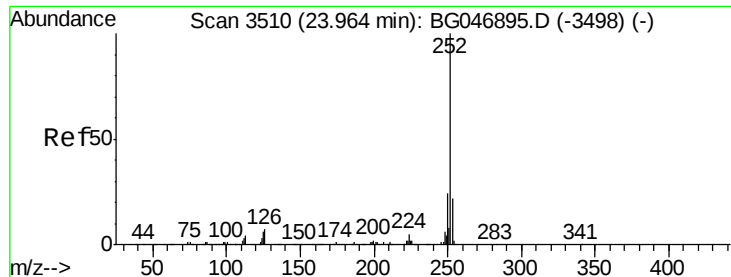
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.8	8.6
100	5.0	4.5	6.7



#80
Pyrene
 Concen: 1.960 ng/ul
 RT: 19.87 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BG046902.D
 Acq: 14 Oct 2020 21:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
100	7.6	6.0	9.0





#88

Benzo(b)fluoranthene

Concen: 1.058 ng/ul

RT: 23.97 min Scan# 3511

Delta R.T. 0.00 min

Lab File: BG046902.D

Acq: 14 Oct 2020 21:09

Instrument :

BNA_G

ClientSampleId :

CB7X4

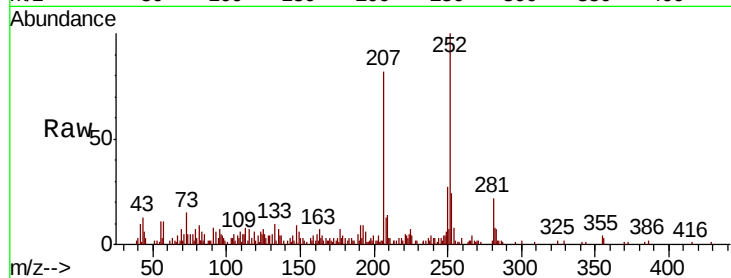
Tot Ion:252 Resp: 38383

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 6.8 5.0 7.4



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

