

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011416\
 Data File : BG020740.D
 Acq On : 15 Jan 2016 1:45
 Operator : SJ/IZ
 Sample : H1101-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9G2

Quant Time: Jan 15 03:18:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 14 23:48:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	18108	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	75542	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	54670	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	141409	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	165653	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	156956	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	2078	5.61	ng/uL	0.00
5) Phenol-d5	7.20	99	46054	29.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	30434	32.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	38835	31.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	36049	27.54	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	20821	34.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	24347	35.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	44540	33.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	50201	38.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	160451	33.63	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	186453	34.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	17773	27.74	ng/ul	0.00
58) Fluorene-d10	15.67	176	149007	35.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	23965	31.16	ng/ul	0.00
71) Anthracene-d10	17.53	188	242482	34.98	ng/ul	0.00
79) Pyrene-d10	19.81	212	288529	36.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	303760	36.31	ng/ul	0.00

Target Compounds

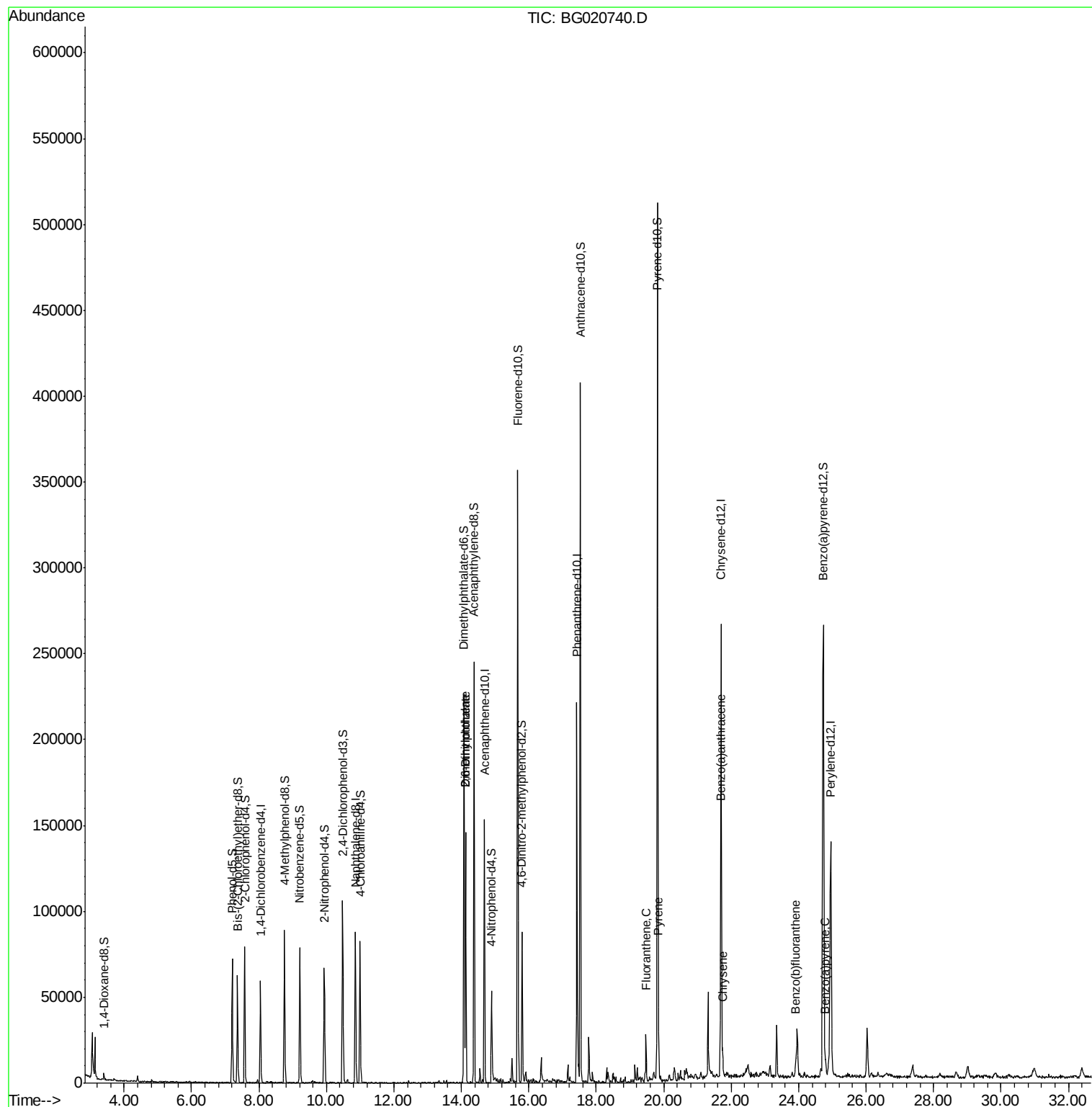
						Qvalue
45) Dimethylphthalate	14.13	163	98765	19.27	ng/ul	98
46) 2,6-Dinitrotoluene	14.13	165	1070	1.07	ng/ul#	43
77) Fluoranthene	19.48	202	18742	1.83	ng/ul	98
80) Pyrene	19.84	202	24152	2.30	ng/ul	99
83) Benzo(a)anthracene	21.68	228	12232	1.18	ng/ul	96
85) Chrysene	21.75	228	13419	1.37	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	12398	1.23	ng/ul#	97
91) Benzo(a)pyrene	24.79	252	10235	1.05	ng/ul#	97

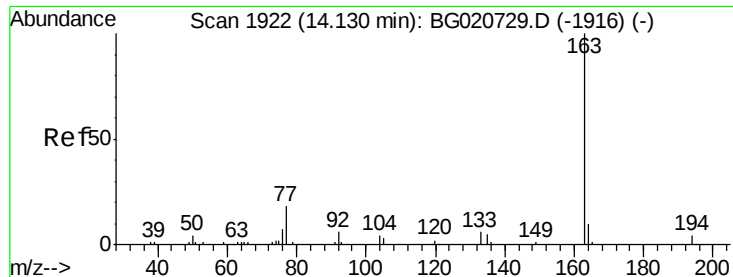
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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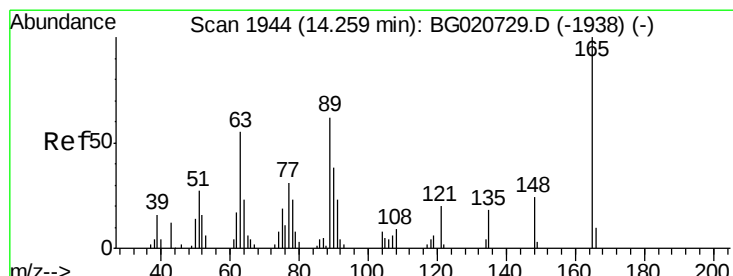
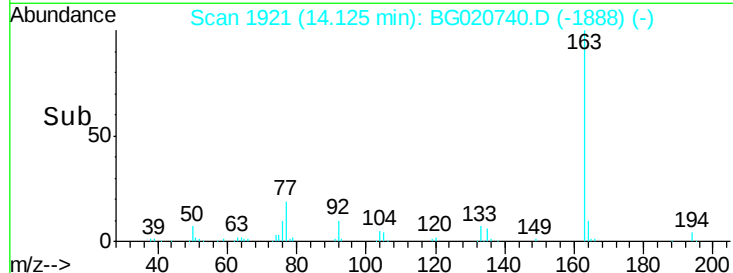
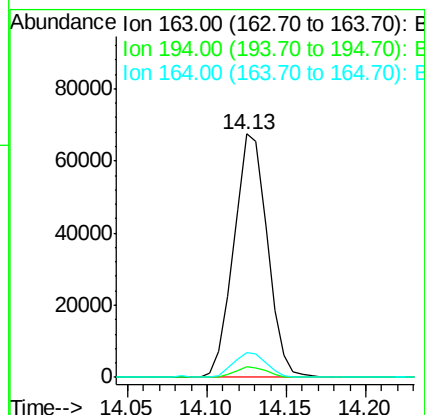
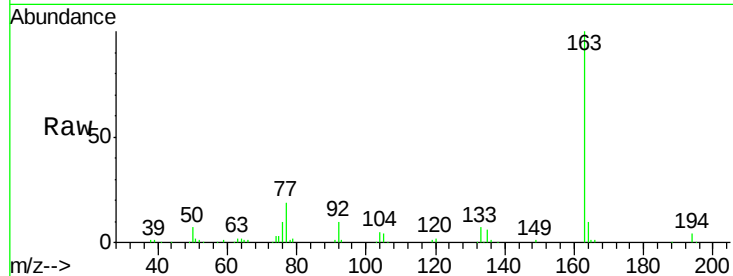




#45
Dimethylphthalate
Concen: 19.27 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG020740.D
Acq: 15 Jan 2016 1:45

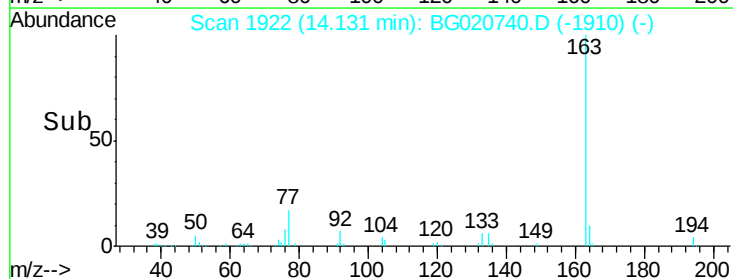
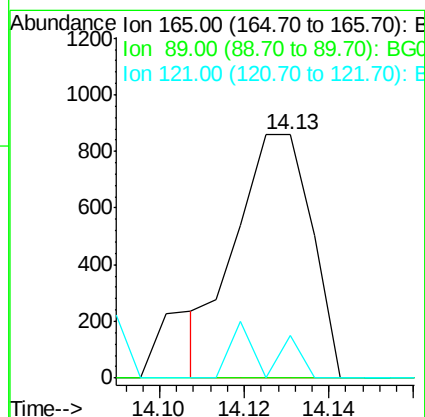
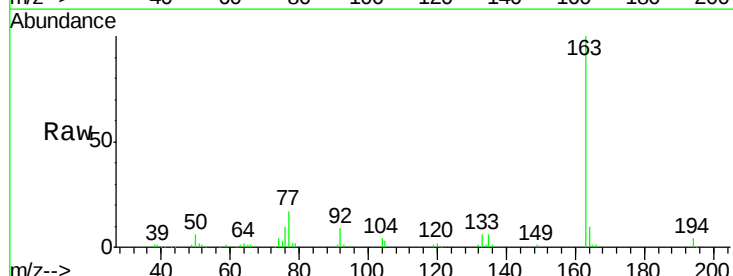
Instrument :
BNA_G
ClientSampleId :
BC9G2

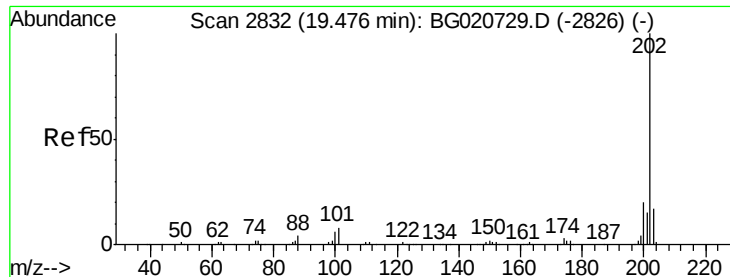
Tgt Ion:163 Resp: 98765
Ion Ratio Lower Upper
163 100
194 4.1 4.0 6.0
164 9.9 8.4 12.6



#46
2,6-Dinitrotoluene
Concen: 1.07 ng/ul
RT: 14.13 min Scan# 1922
Delta R.T. -0.13 min
Lab File: BG020740.D
Acq: 15 Jan 2016 1:45

Tgt Ion:165 Resp: 1070
Ion Ratio Lower Upper
165 100
89 0.0 43.8 65.8#
121 17.6 17.8 26.6#





#77

Fluoranthene

Concen: 1.83 ng/ul

RT: 19.48 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG020740.D

Acq: 15 Jan 2016 1:45

Instrument :

BNA_G

ClientSampleId :

BC9G2

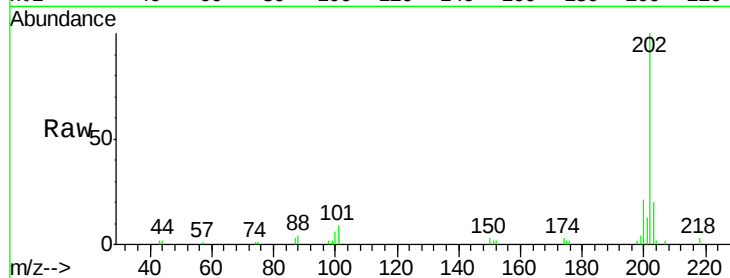
Tgt Ion:202 Resp: 18742

Ion Ratio Lower Upper

202 100

101 8.6 6.1 9.1

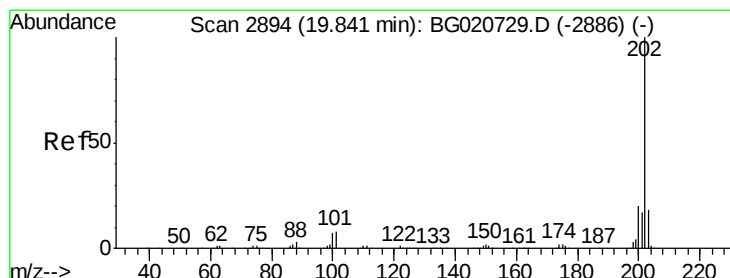
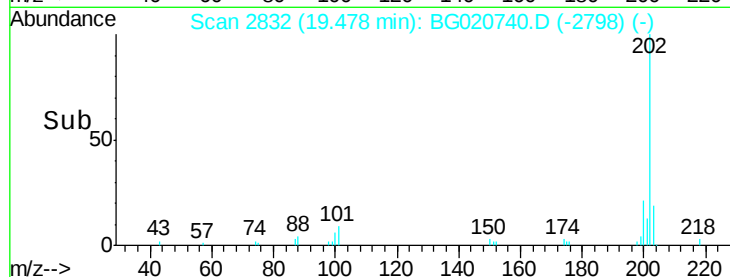
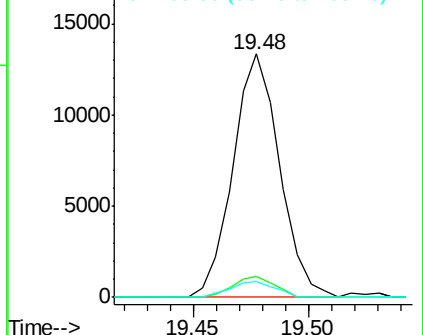
100 6.3 4.6 7.0



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



#80

Pyrene

Concen: 2.30 ng/ul

RT: 19.84 min Scan# 2894

Delta R.T. 0.00 min

Lab File: BG020740.D

Acq: 15 Jan 2016 1:45

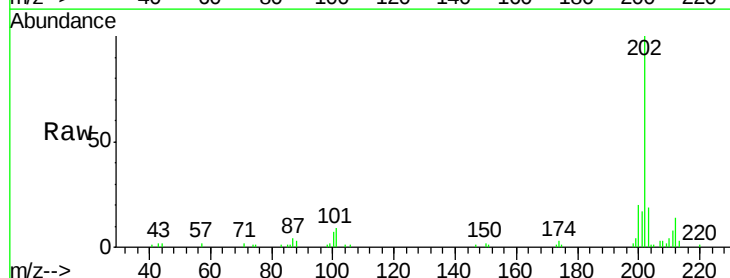
Tgt Ion:202 Resp: 24152

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

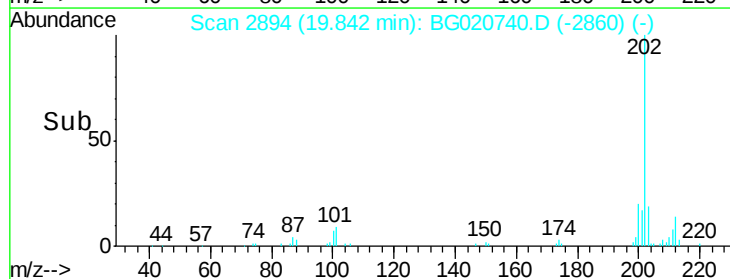
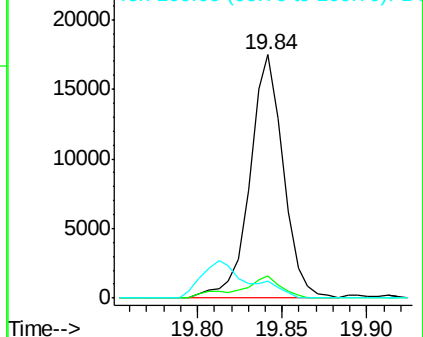
100 7.2 5.6 8.4

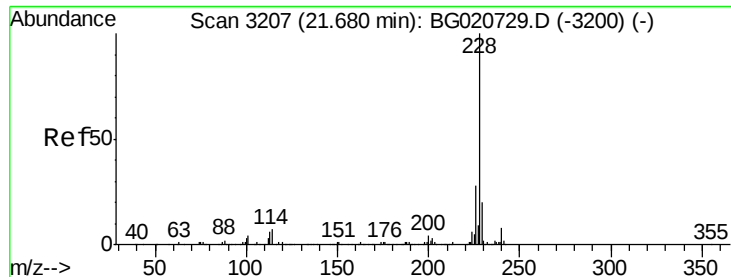


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.18 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BG020740.D

Acq: 15 Jan 2016 1:45

Instrument :

BNA_G

ClientSampleId :

BC9G2

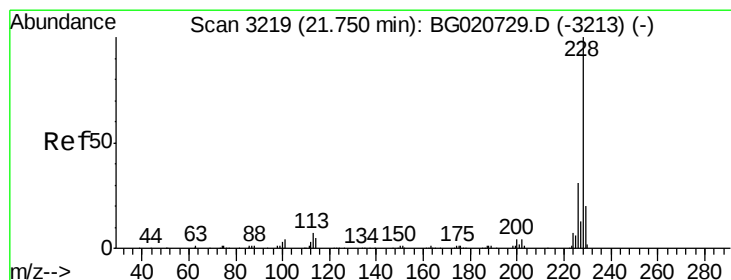
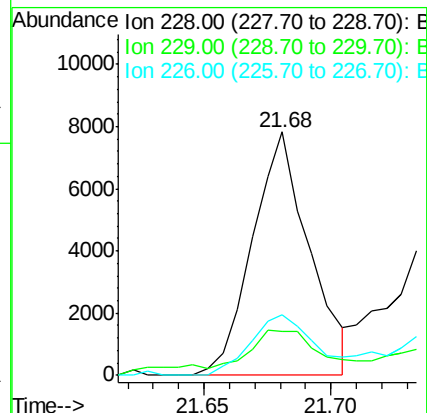
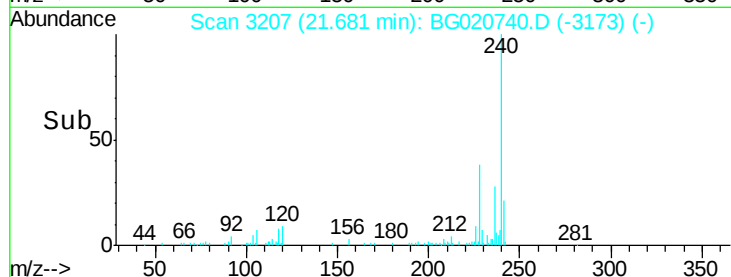
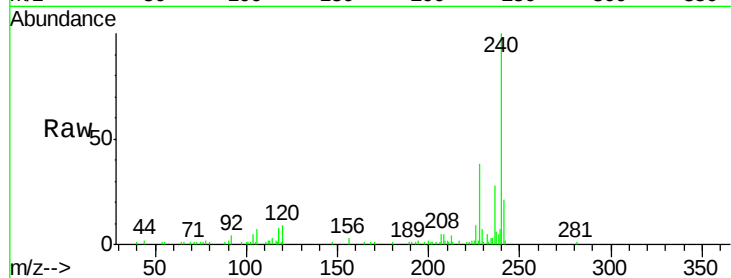
Tgt Ion:228 Resp: 12232

Ion Ratio Lower Upper

228 100

229 18.2 16.0 24.0

226 25.0 21.8 32.8



#85

Chrysene

Concen: 1.37 ng/ul

RT: 21.75 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BG020740.D

Acq: 15 Jan 2016 1:45

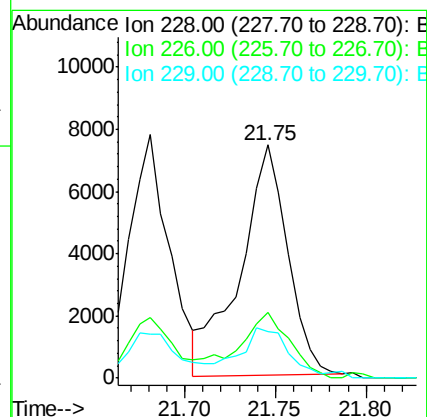
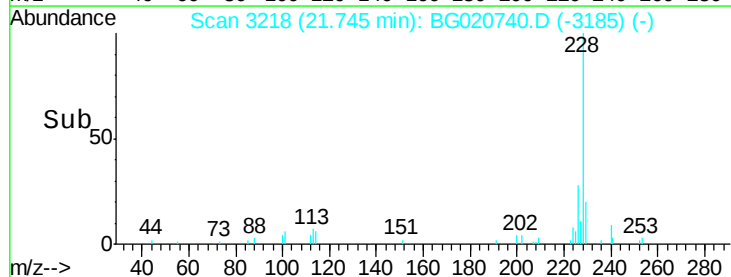
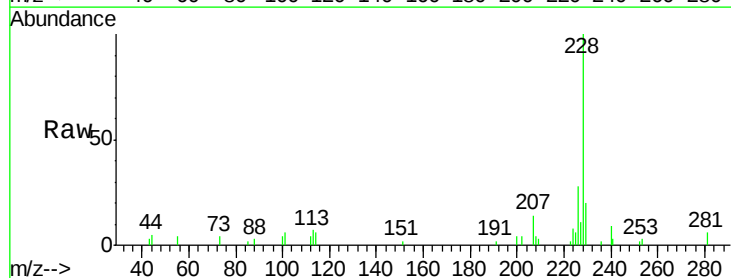
Tgt Ion:228 Resp: 13419

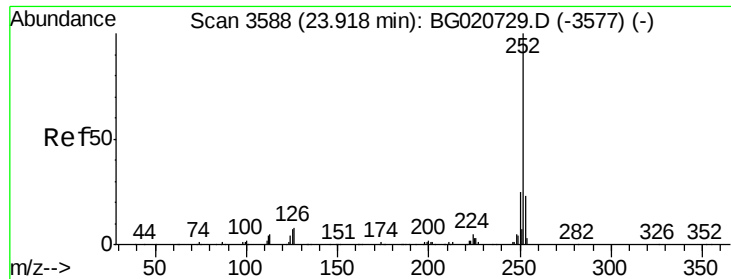
Ion Ratio Lower Upper

228 100

226 28.0 24.1 36.1

229 20.0 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 1.23 ng/ul

RT: 23.92 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BG020740.D

Acq: 15 Jan 2016 1:45

Instrument :

BNA_G

ClientSampleId :

BC9G2

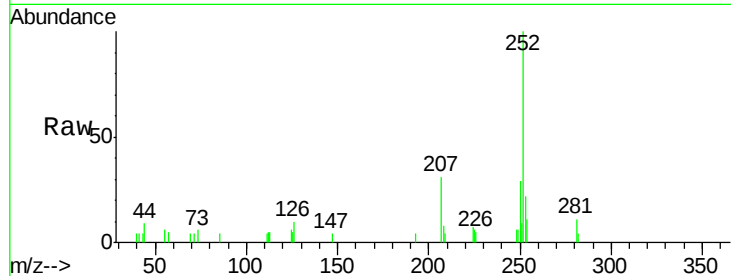
Tgt Ion:252 Resp: 12398

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

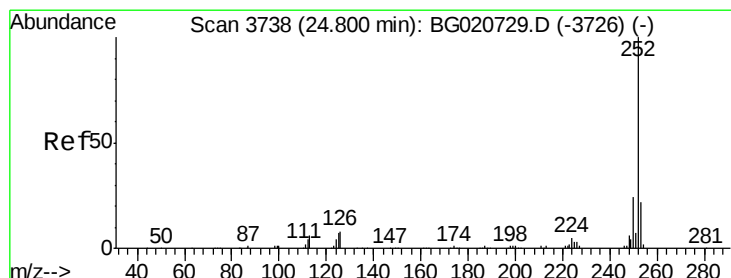
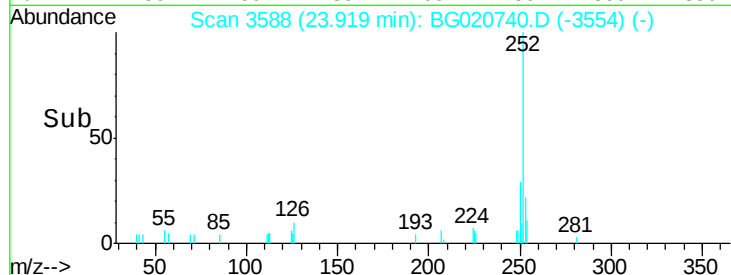
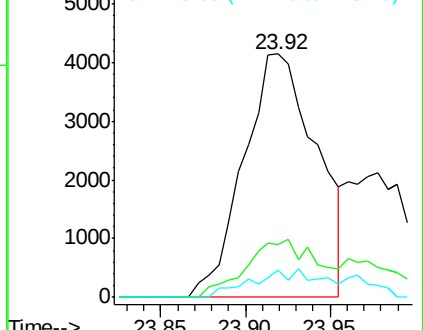
125 10.9 4.9 7.3#



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: 1.05 ng/ul

RT: 24.79 min Scan# 3737

Delta R.T. -0.00 min

Lab File: BG020740.D

Acq: 15 Jan 2016 1:45

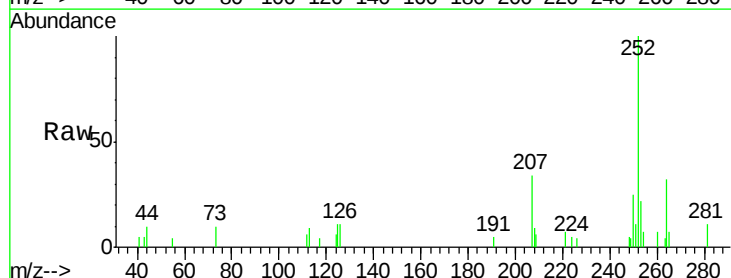
Tgt Ion:252 Resp: 10235

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 10.9 5.8 8.6#



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

