

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
 Data File : BG020709.D
 Acq On : 13 Jan 2016 20:23
 Operator : SJ/IZ
 Sample : H1096-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9C0

Quant Time: Jan 14 09:52:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	17698	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	79435	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	56918	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	145358	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	168406	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	159486	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1271	3.51	ng/uL	0.00
5) Phenol-d5	7.21	99	31088	20.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	20134	22.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	25224	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	25167	19.67	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	13467	21.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	15824	21.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	28457	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	28999	21.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	107501	21.64	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	124577	22.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	9327	13.98	ng/ul	0.00
58) Fluorene-d10	15.67	176	97576	22.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	13754	17.40	ng/ul	0.00
71) Anthracene-d10	17.53	188	156192	21.92	ng/ul	0.00
79) Pyrene-d10	19.81	212	184908	23.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	191008	22.47	ng/ul	0.00

Target Compounds

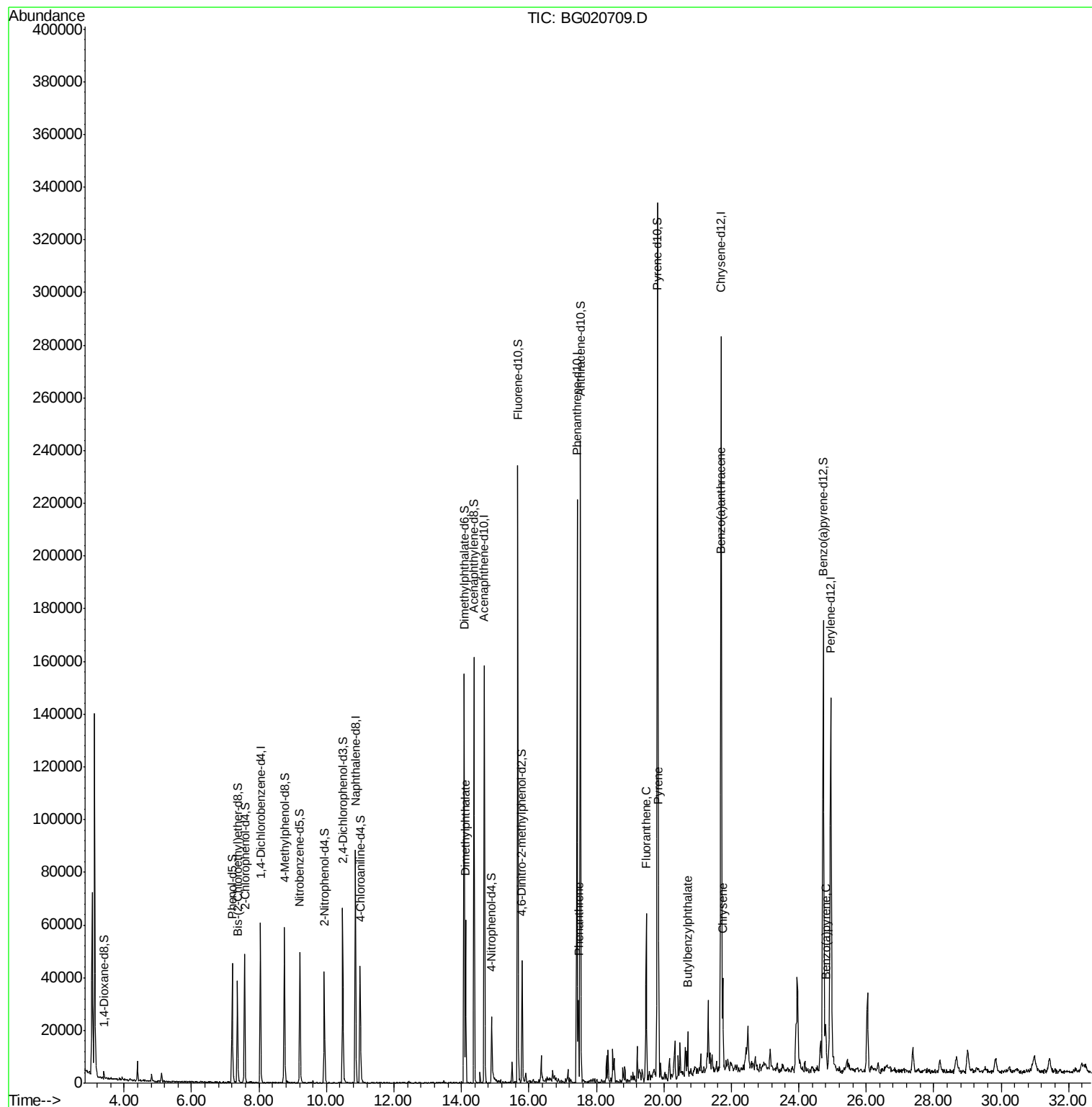
						Qvalue
45) Dimethylphthalate	14.13	163	42188	7.90	ng/ul	98
70) Phenanthrene	17.47	178	20461	2.37	ng/ul	98
77) Fluoranthene	19.48	202	42262	4.02	ng/ul	98
80) Pyrene	19.84	202	50579	4.74	ng/ul	97
81) Butylbenzylphthalate	20.71	149	5072	1.41	ng/ul	94
83) Benzo(a)anthracene	21.68	228	25608	2.44	ng/ul	98
85) Chrysene	21.75	228	26108	2.63	ng/ul	99
91) Benzo(a)pyrene	24.80	252	20400	2.06	ng/ul#	90

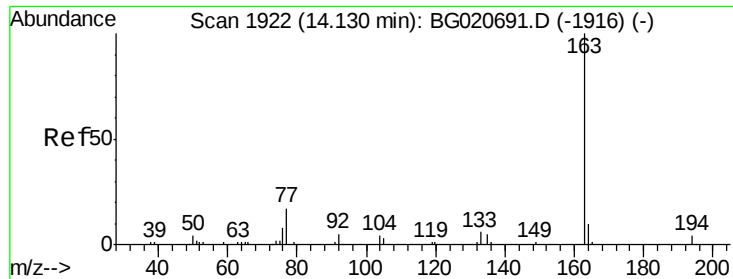
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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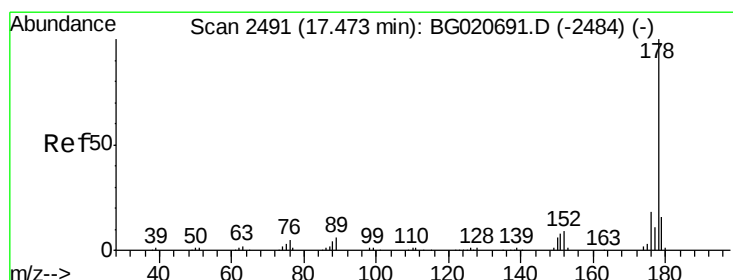
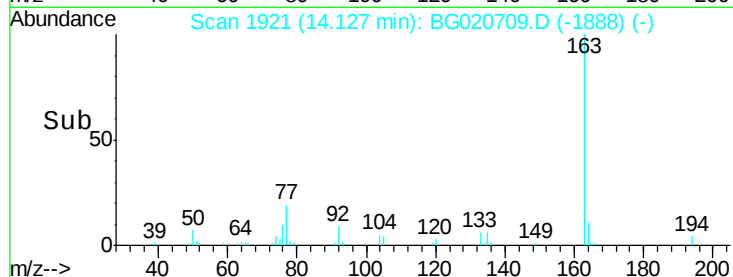
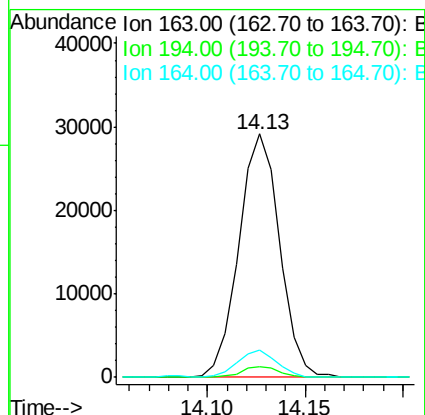
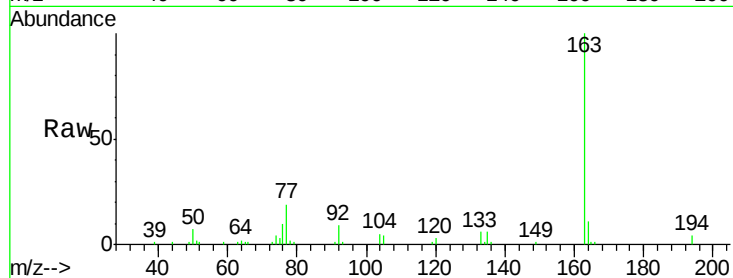




#45
Dimethylphthalate
Concen: 7.90 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG020709.D
Acq: 13 Jan 2016 20:23

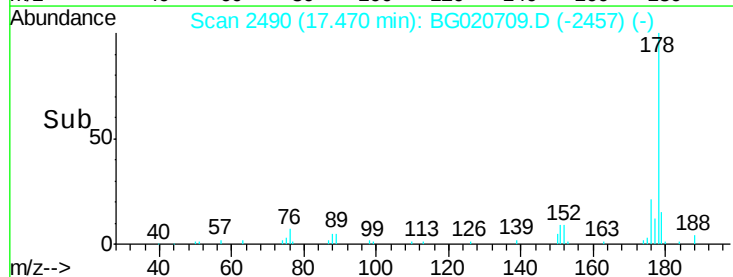
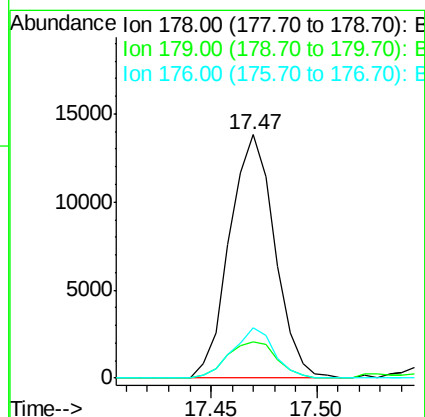
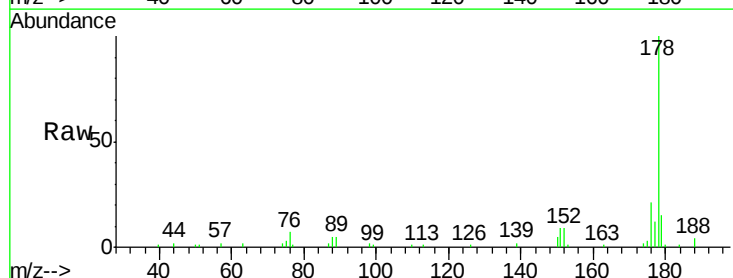
Instrument :
BNA_G
ClientSampleId :
BC9C0

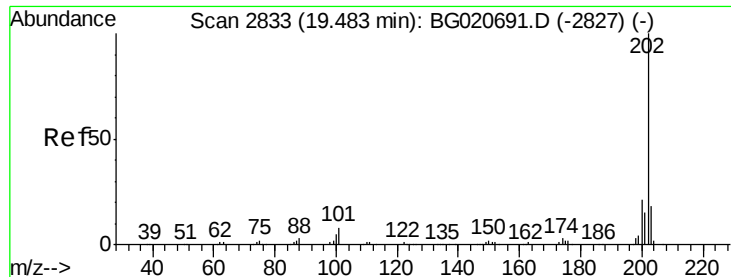
Tgt Ion:163 Resp: 42188
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 11.0 8.4 12.6



#70
Phenanthrene
Concen: 2.37 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BG020709.D
Acq: 13 Jan 2016 20:23

Tgt Ion:178 Resp: 20461
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 20.6 15.4 23.0

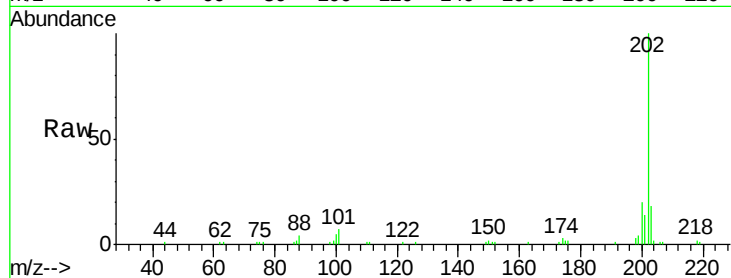




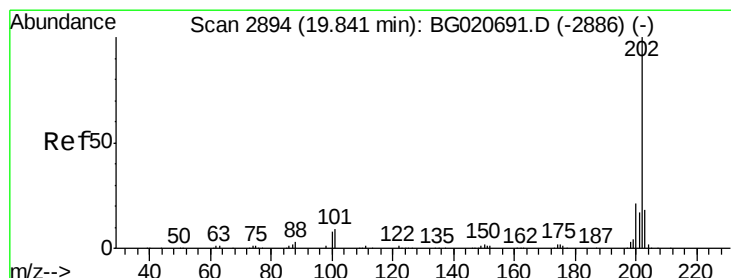
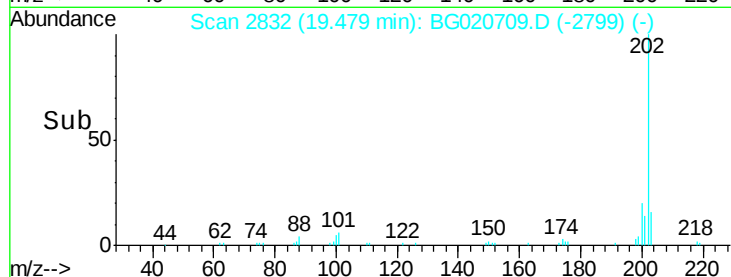
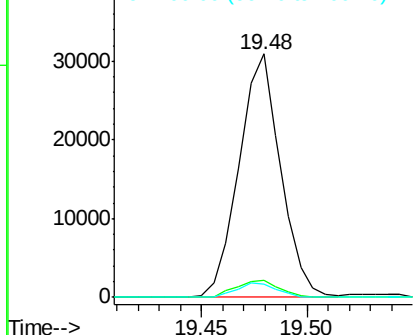
#77
 Fluoranthene
 Concen: 4.02 ng/ul
 RT: 19.48 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BG020709.D
 Acq: 13 Jan 2016 20:23

Instrument :
 BNA_G
 ClientSampleId :
 BC9C0

Tgt Ion:202 Resp: 42262
 Ion Ratio Lower Upper
 202 100
 101 6.9 6.1 9.1
 100 5.3 4.6 7.0

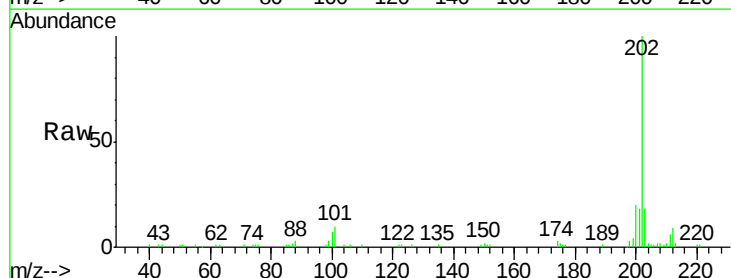


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

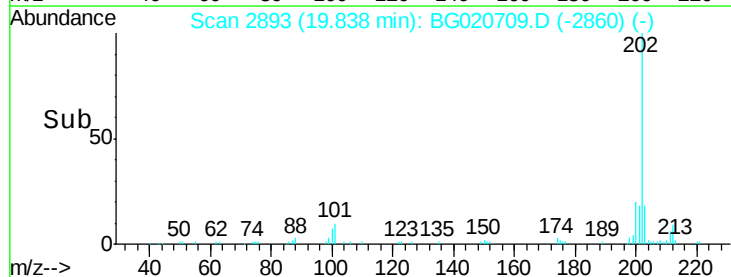
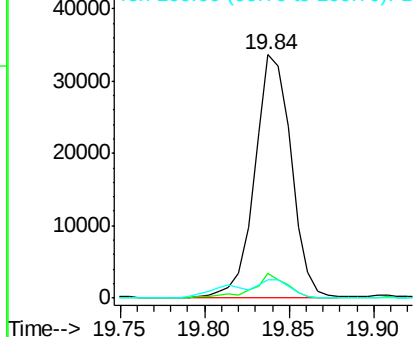


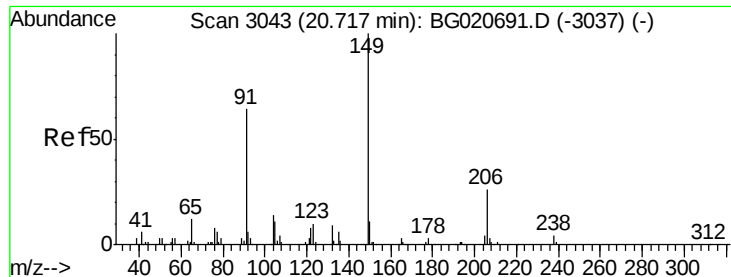
#80
 Pyrene
 Concen: 4.74 ng/ul
 RT: 19.84 min Scan# 2893
 Delta R.T. -0.00 min
 Lab File: BG020709.D
 Acq: 13 Jan 2016 20:23

Tgt Ion:202 Resp: 50579
 Ion Ratio Lower Upper
 202 100
 101 9.9 6.9 10.3
 100 7.4 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

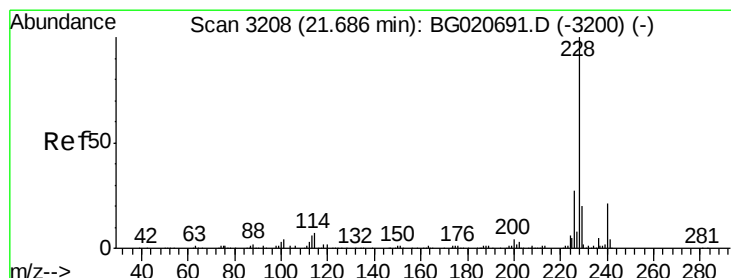
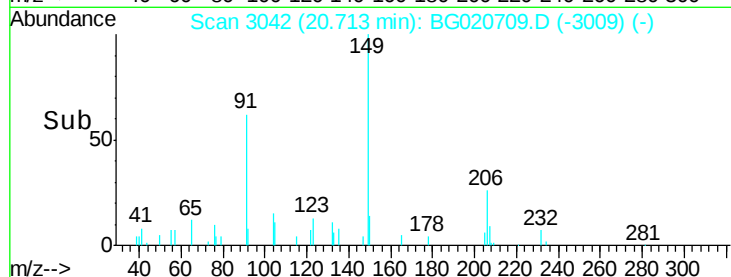
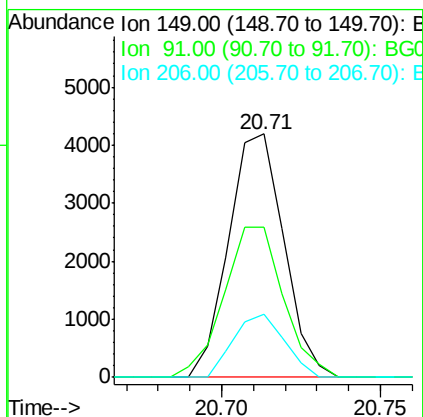
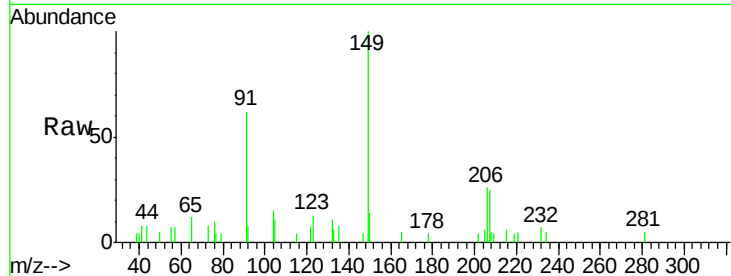




#81
Butylbenzylphthalate
Concen: 1.41 ng/ul
RT: 20.71 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BG020709.D
Acq: 13 Jan 2016 20:23

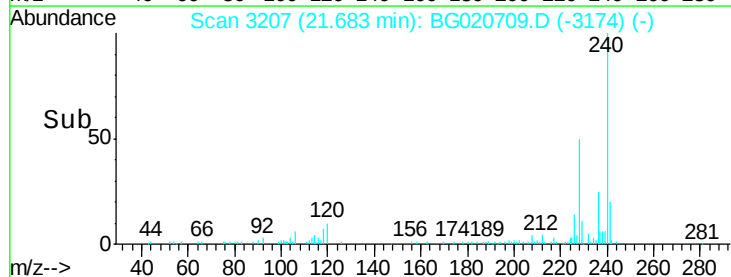
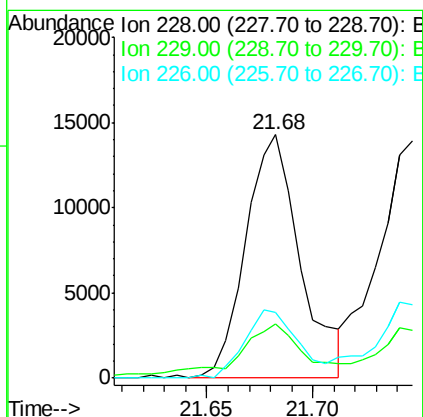
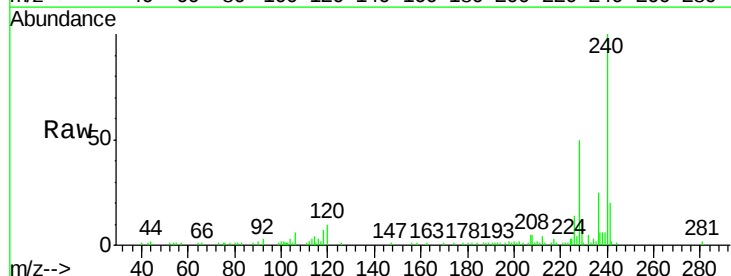
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ClientSampleId :
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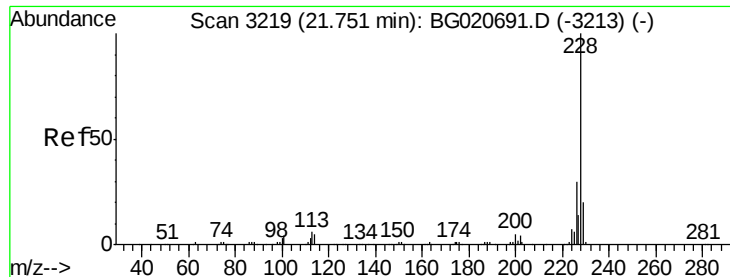
Tgt Ion:149 Resp: 5072
Ion Ratio Lower Upper
149 100
91 61.6 53.4 80.0
206 25.8 19.3 28.9



#83
Benzo(a)anthracene
Concen: 2.44 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG020709.D
Acq: 13 Jan 2016 20:23

Tgt Ion:228 Resp: 25608
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 27.2 21.8 32.8

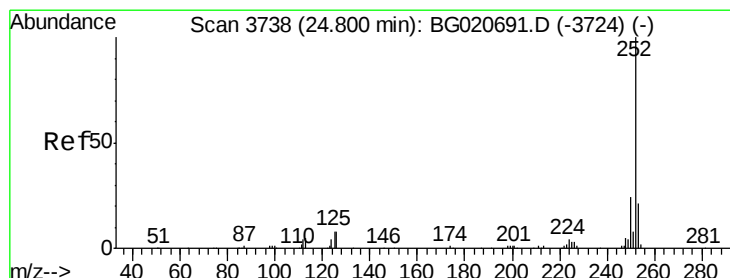
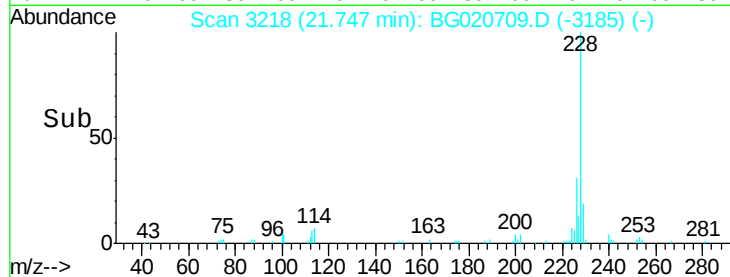
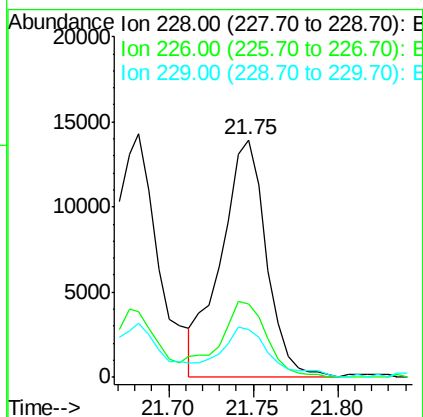
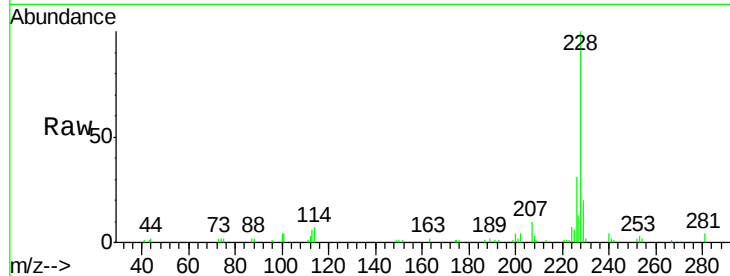




#85
Chrysene
 Concen: 2.63 ng/ul
 RT: 21.75 min Scan# 3218
 Delta R.T. -0.00 min
 Lab File: BG020709.D
 Acq: 13 Jan 2016 20:23

Instrument :
 BNA_G
 ClientSampleId :
 BC9C0

Tgt Ion: 228 Resp: 26108
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.1 36.1
 229 20.0 16.0 24.0



#91
Benzo(a)pyrene
 Concen: 2.06 ng/ul
 RT: 24.80 min Scan# 3737
 Delta R.T. -0.00 min
 Lab File: BG020709.D
 Acq: 13 Jan 2016 20:23

Tgt Ion: 252 Resp: 20400
 Ion Ratio Lower Upper
 252 100
 253 27.6 17.2 25.8#
 125 8.3 5.8 8.6

