

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019671.D
 Acq On : 17 Nov 2015 22:17
 Operator : UM/NP
 Sample : G4427-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 01:24:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 01:19:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	18981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	87917	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	83946	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	246417	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	324155	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	309636	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	3134	7.05	ng/uL	0.00
5) Phenol-d5	7.29	99	66409	34.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	46752	36.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	42318	33.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	54981	34.15	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	23266	32.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	28025	34.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	55122	31.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	62748	37.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	227789	30.00	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	220070	26.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	34922	29.19	ng/ul	0.00
58) Fluorene-d10	15.77	176	175389	25.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	35557	22.34	ng/ul	0.00
71) Anthracene-d10	17.62	188	283479	23.69	ng/ul	0.00
79) Pyrene-d10	19.89	212	333861	22.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	300395	18.58	ng/ul	0.00

Target Compounds

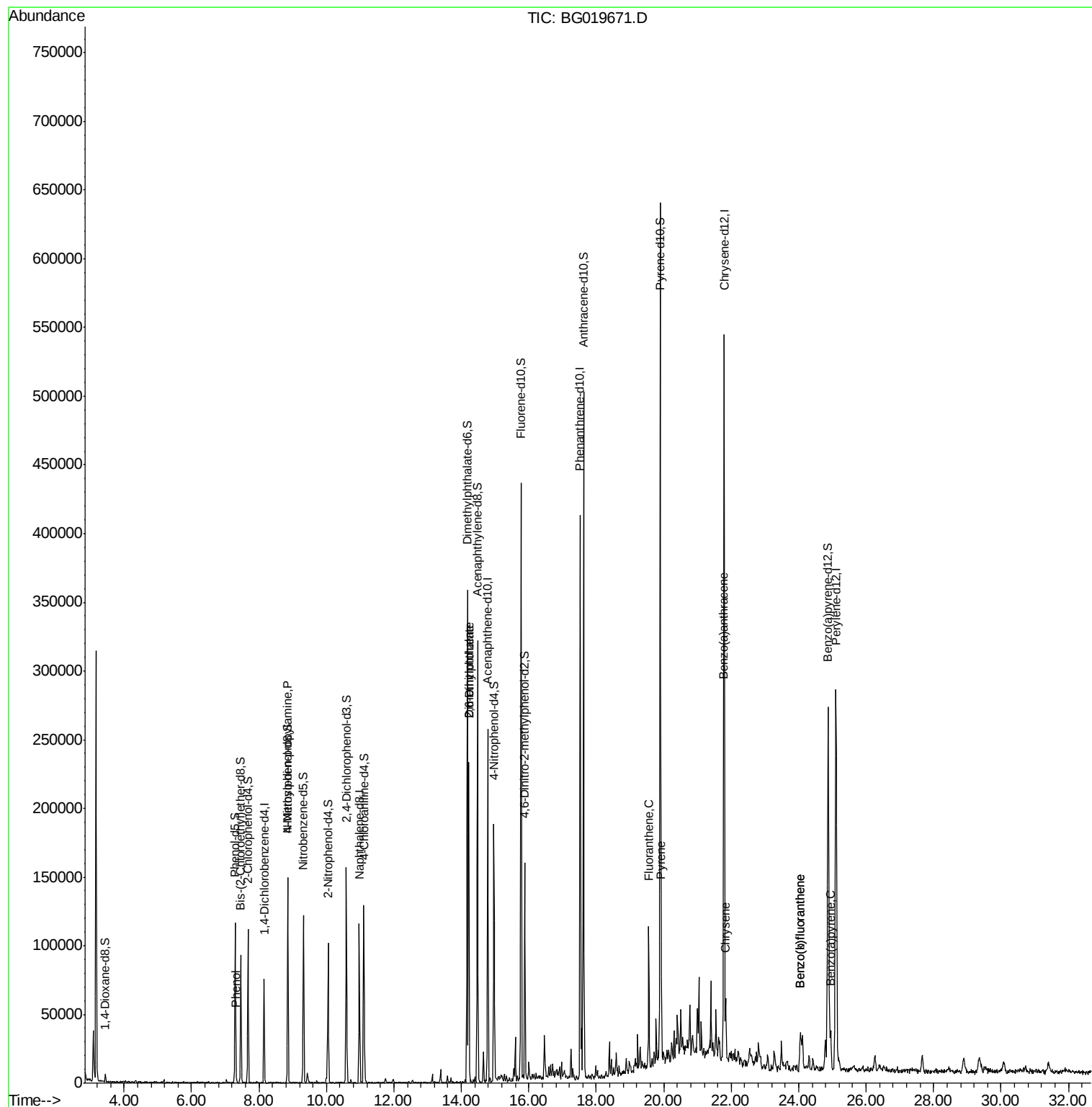
						Ovalue
6) Phenol	7.32	94	3961	1.89	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.85	70	1982	1.10	ng/ul#	1
45) Dimethylphthalate	14.22	163	138760	18.43	ng/ul	98
46) 2,6-Dinitrotoluene	14.22	165	1607	1.07	ng/ul#	52
77) Fluoranthene	19.56	202	61584	3.66	ng/ul	98
80) Pyrene	19.92	202	52260	2.76	ng/ul	98
83) Benzo(a)anthracene	21.77	228	41676	2.12	ng/ul	96
85) Chrysene	21.83	228	27433	1.48	ng/ul	96
88) Benzo(b)fluoranthene	24.05	252	37564	1.97	ng/ul	98
89) Benzo(k)fluoranthene	24.05	252	37564	2.04	ng/ul	98
91) Benzo(a)pyrene	24.95	252	31929	1.74	ng/ul#	91

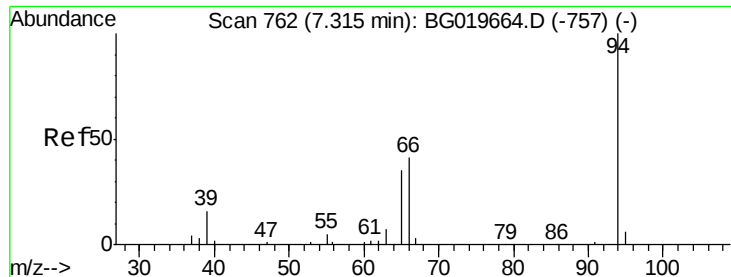
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.89 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.01 min

Lab File: BG019671.D

Acq: 17 Nov 2015 22:17

Instrument :

BNA_G

ClientSampleId :

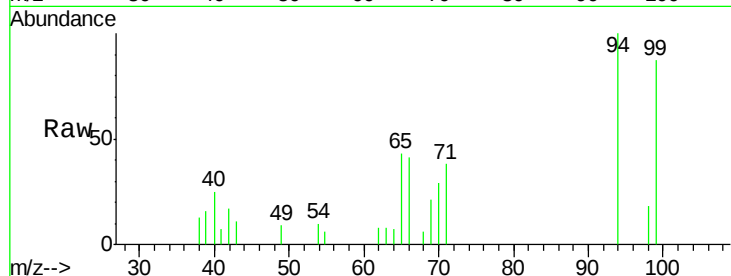
Tot Ion: 94 Resp: 3961

Ion Ratio Lower Upper

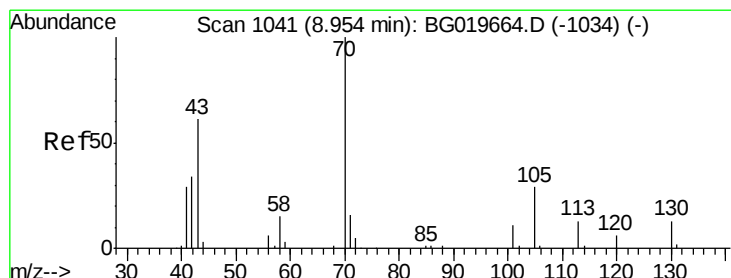
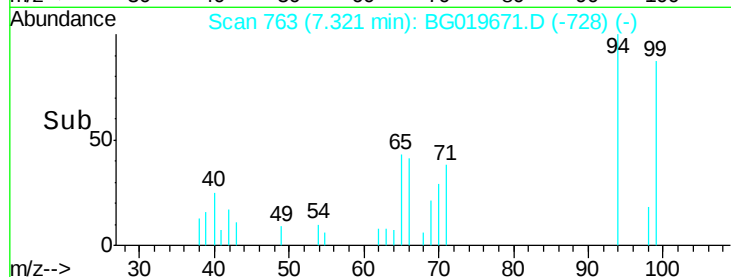
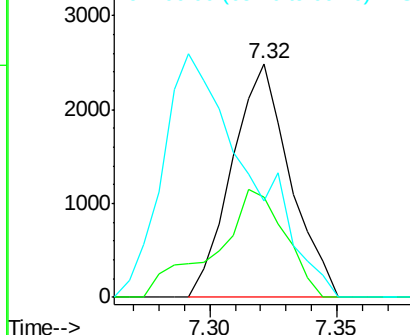
94 100

65 42.7 27.4 41.0#

66 41.1 39.0 58.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 1.10 ng/ul

RT: 8.85 min Scan# 1023

Delta R.T. -0.11 min

Lab File: BG019671.D

Acq: 17 Nov 2015 22:17

Tgt Ion: 70 Resp: 1982

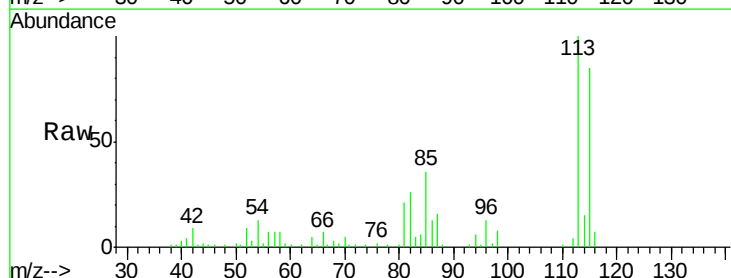
Ion Ratio Lower Upper

70 100

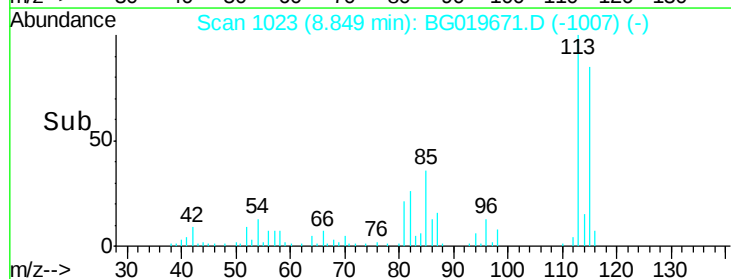
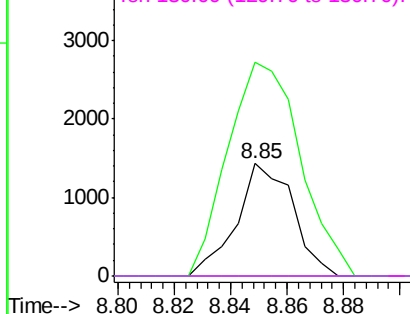
42 190.3 28.4 42.6#

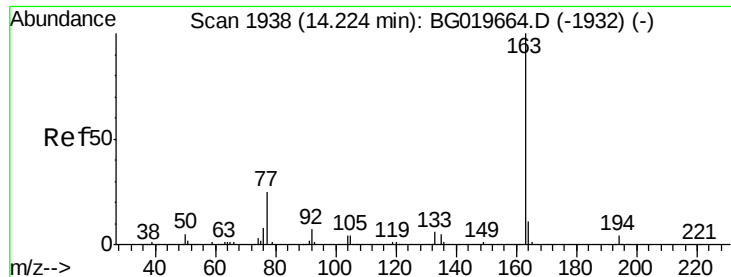
101 0.0 5.3 7.9#

130 0.0 10.9 16.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

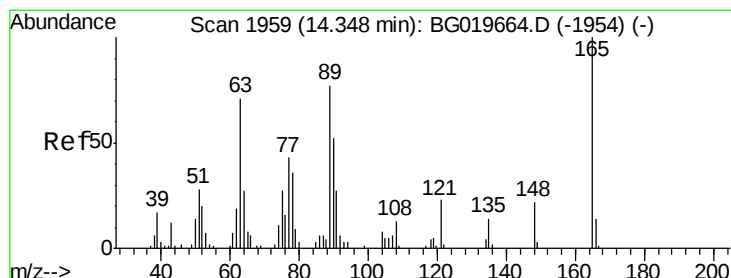
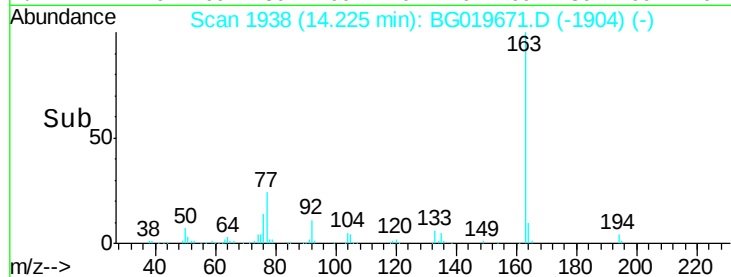
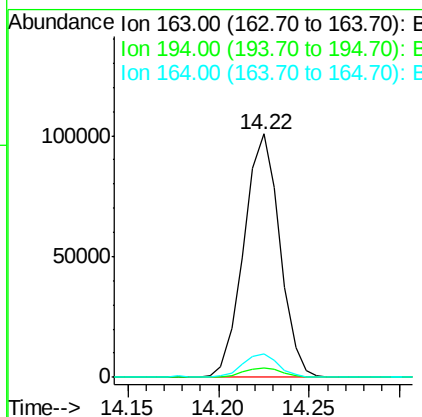
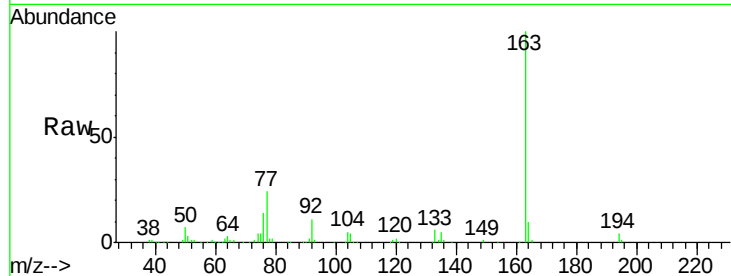




#45
Dimethylphthalate
Concen: 18.43 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG019671.D
Acq: 17 Nov 2015 22:17

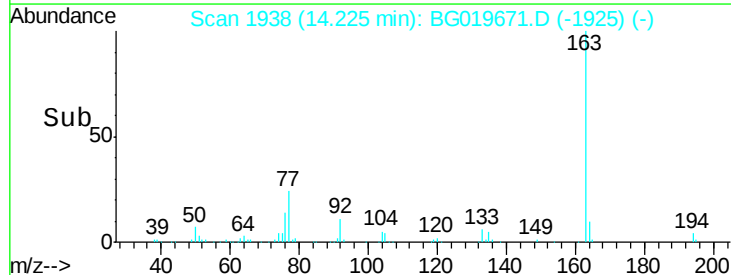
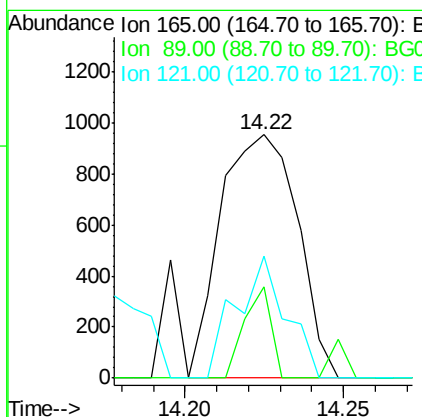
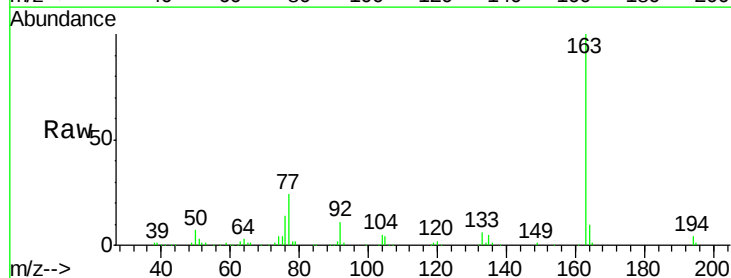
Instrument :
BNA_G
ClientSampled :

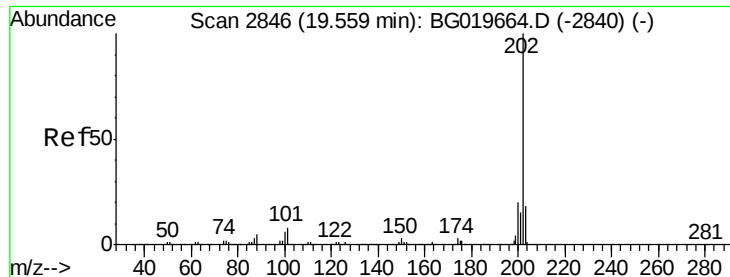
Tot Ion:163 Resp: 138760
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 9.8 8.3 12.5



#46
2,6-Dinitrotoluene
Concen: 1.07 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.12 min
Lab File: BG019671.D
Acq: 17 Nov 2015 22:17

Tgt Ion:165 Resp: 1607
Ion Ratio Lower Upper
165 100
89 37.5 61.1 91.7#
121 49.9 17.8 26.8#

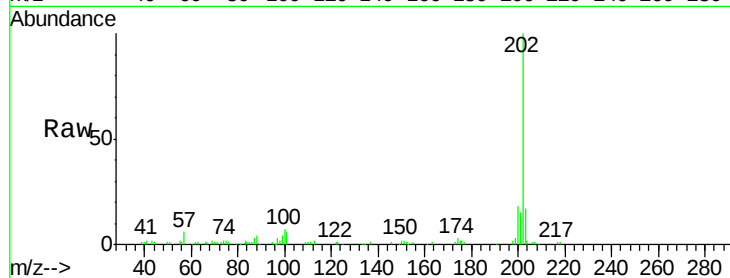




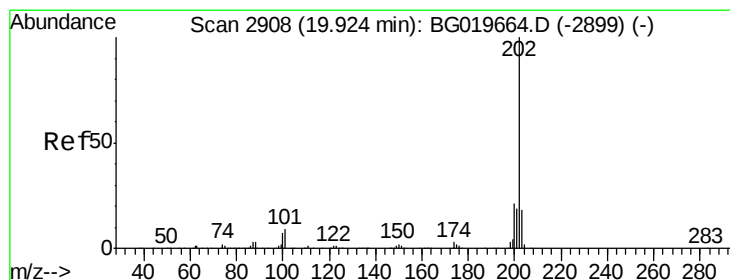
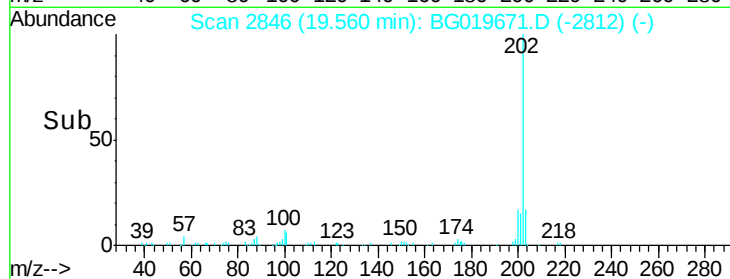
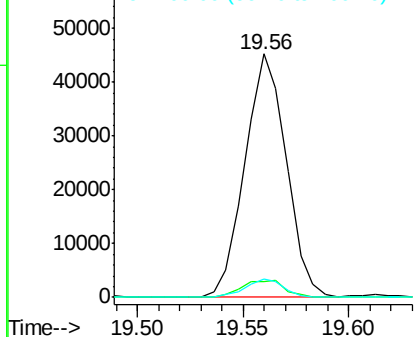
#77
Fluoranthene
 Concen: 3.66 ng/ul
 RT: 19.56 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BG019671.D
 Acq: 17 Nov 2015 22:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 61584
 Ion Ratio Lower Upper
 202 100
 101 6.4 5.2 7.8
 100 7.3 5.0 7.4

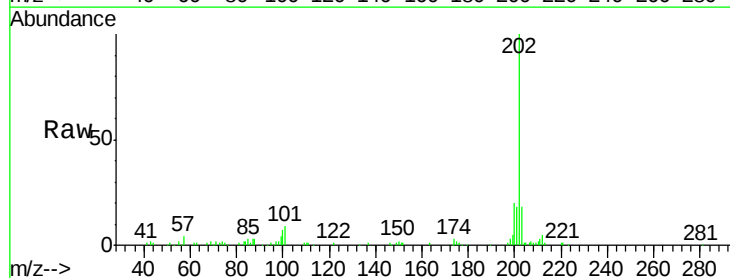


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

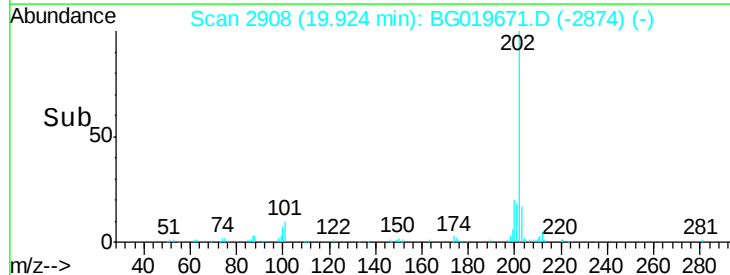
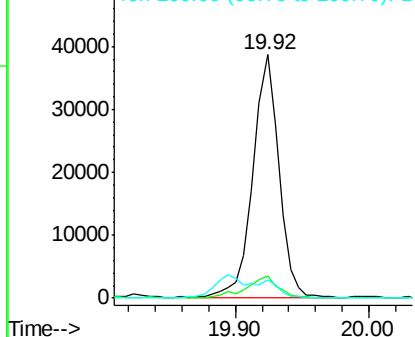


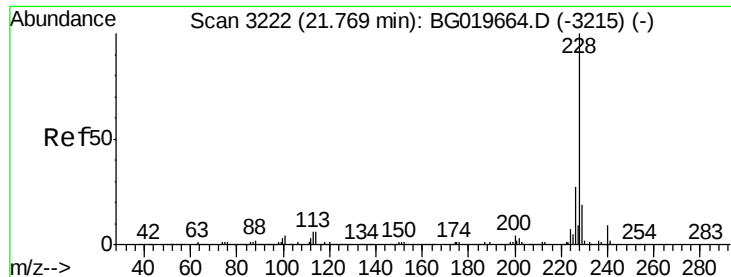
#80
Pyrene
 Concen: 2.76 ng/ul
 RT: 19.92 min Scan# 2908
 Delta R.T. 0.00 min
 Lab File: BG019671.D
 Acq: 17 Nov 2015 22:17

Tgt Ion:202 Resp: 52260
 Ion Ratio Lower Upper
 202 100
 101 9.2 7.0 10.6
 100 7.5 6.6 10.0



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

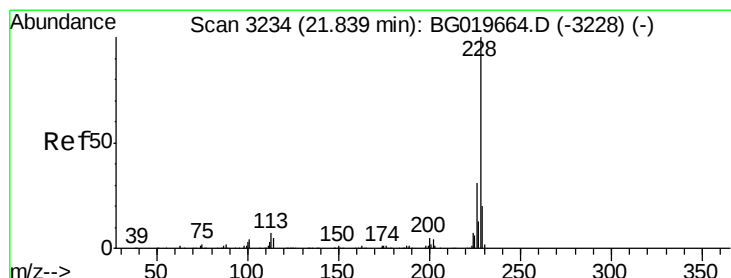
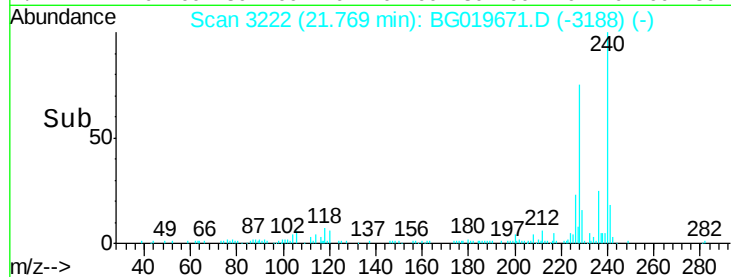
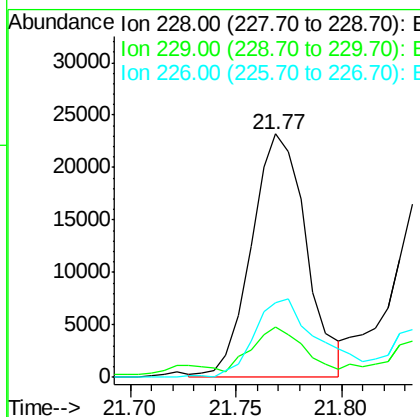
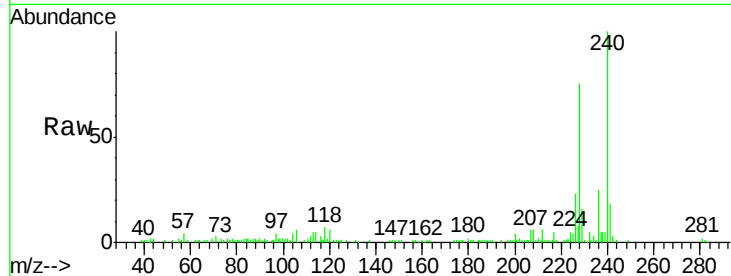




#83
Benzo(a)anthracene
Concen: 2.12 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BG019671.D
Acq: 17 Nov 2015 22:17

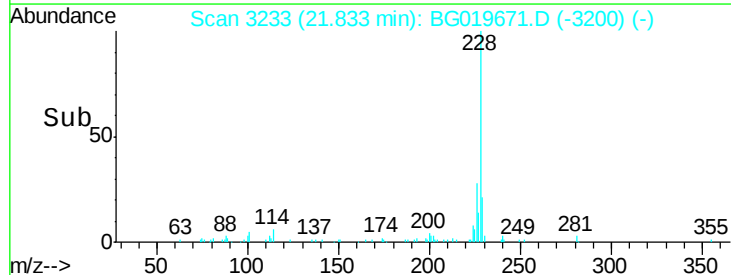
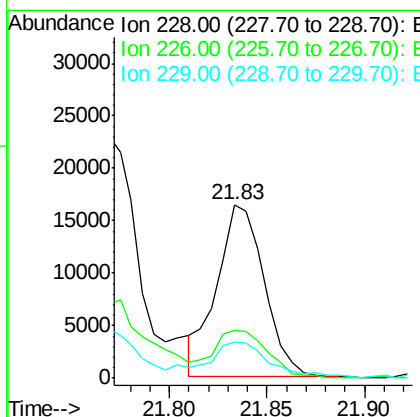
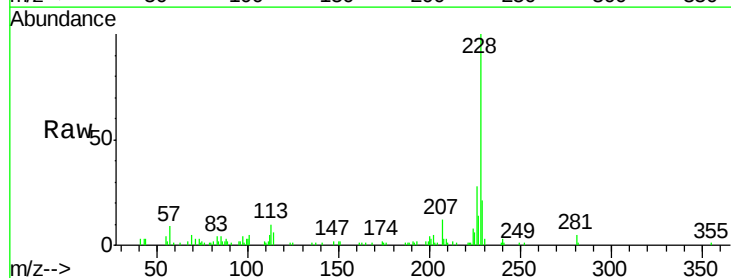
Instrument :
BNA_G
ClientSampleId :

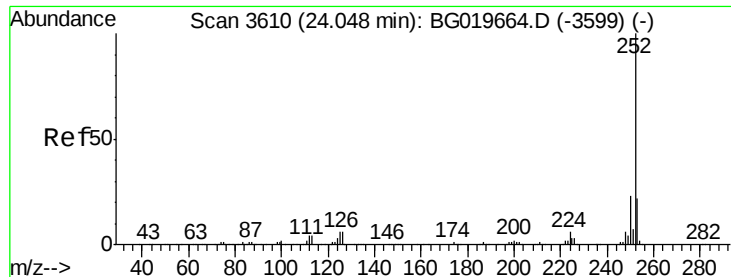
Tot Ion:228 Resp: 41676
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 30.6 22.6 33.8



#85
Chrysene
Concen: 1.48 ng/ul
RT: 21.83 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG019671.D
Acq: 17 Nov 2015 22:17

Tgt Ion:228 Resp: 27433
Ion Ratio Lower Upper
228 100
226 27.9 24.9 37.3
229 21.0 17.0 25.6

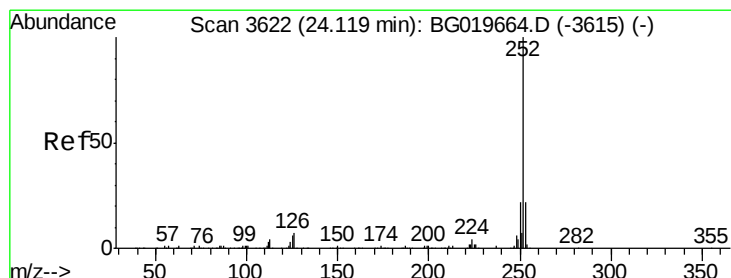
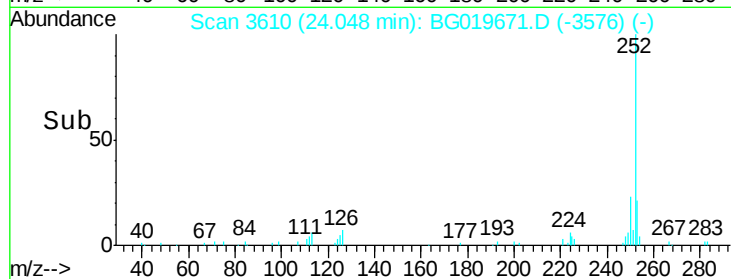
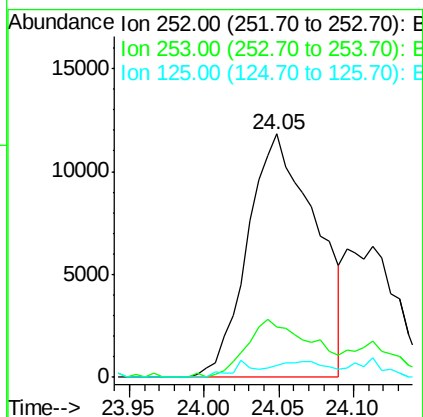
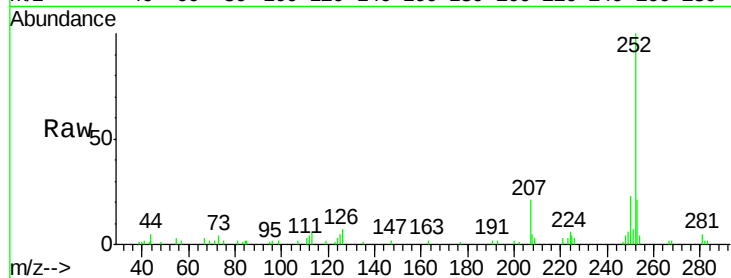




#88
Benzo(b)fluoranthene
Concen: 1.97 ng/ul
RT: 24.05 min Scan# 3610
Delta R.T. 0.00 min
Lab File: BG019671.D
Acq: 17 Nov 2015 22:17

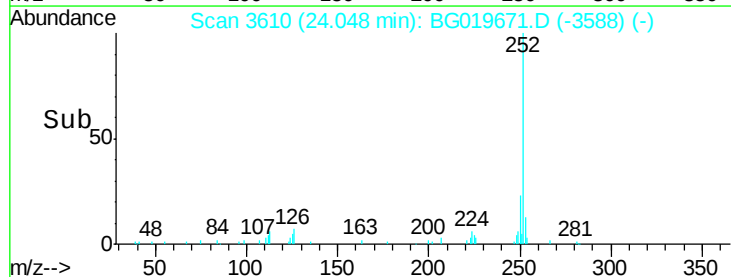
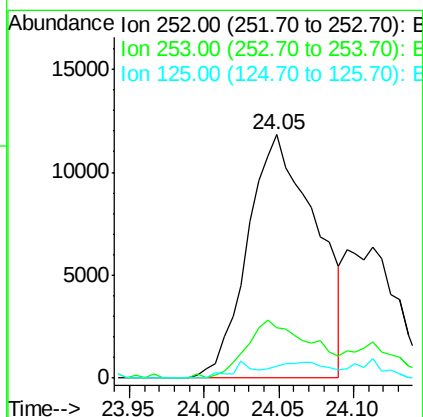
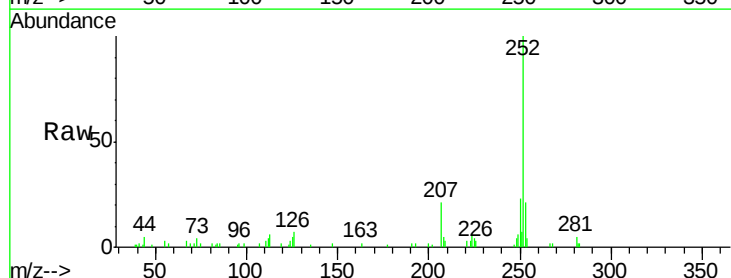
Instrument :
BNA_G
ClientSampleId :

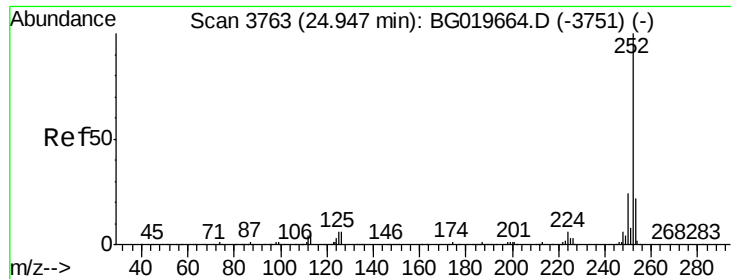
Tot Ion:252 Resp: 37564
Ion Ratio Lower Upper
252 100
253 20.5 17.1 25.7
125 4.6 4.2 6.4



#89
Benzo(k)fluoranthene
Concen: 2.04 ng/ul
RT: 24.05 min Scan# 3610
Delta R.T. -0.07 min
Lab File: BG019671.D
Acq: 17 Nov 2015 22:17

Tgt Ion:252 Resp: 37564
Ion Ratio Lower Upper
252 100
253 20.5 17.1 25.7
125 4.6 4.4 6.6





#91

Benzo(a)pyrene

Concen: 1.74 ng/ul

RT: 24.95 min Scan# 3763

Delta R.T. 0.00 min

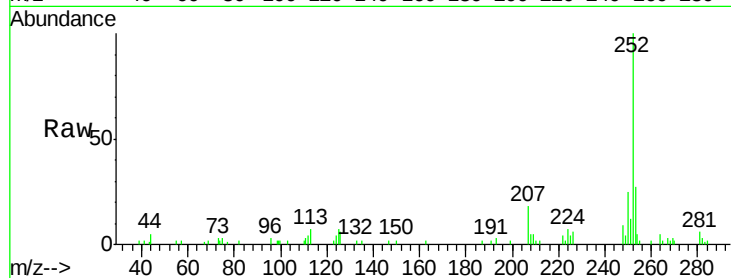
Lab File: BG019671.D

Acq: 17 Nov 2015 22:17

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	252	Resp:	31929
Ion	Ratio	Lower	Upper
252	100		
253	26.7	16.9	25.3#
125	6.7	5.4	8.0

