

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
 Data File : BG018381.D
 Acq On : 11 Aug 2015 14:52
 Operator : UM/MA
 Sample : G3109-16DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W6DL

Quant Time: Aug 12 00:59:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 00:54:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	105830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	466339	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	291380	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	612434	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	528844	20.00	ng/ul	0.00
86) Perylene-d12	24.92	264	541938	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	813	0.34	ng/uL	0.00
5) Phenol-d5	7.20	99	19394	2.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	12926	2.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	15064	2.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	14847	1.84	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	8449	2.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	8222	2.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	17969	2.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	5219	0.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	60373	2.46	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	76425	2.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	6506	1.48	ng/ul	0.00
58) Fluorene-d10	15.66	176	55519	2.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	586	0.19	ng/ul	0.00
71) Anthracene-d10	17.42	188	612434	20.91	ng/ul	-0.09
79) Pyrene-d10	19.79	212	70170	2.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	71510	2.49	ng/ul	0.02

Target Compounds

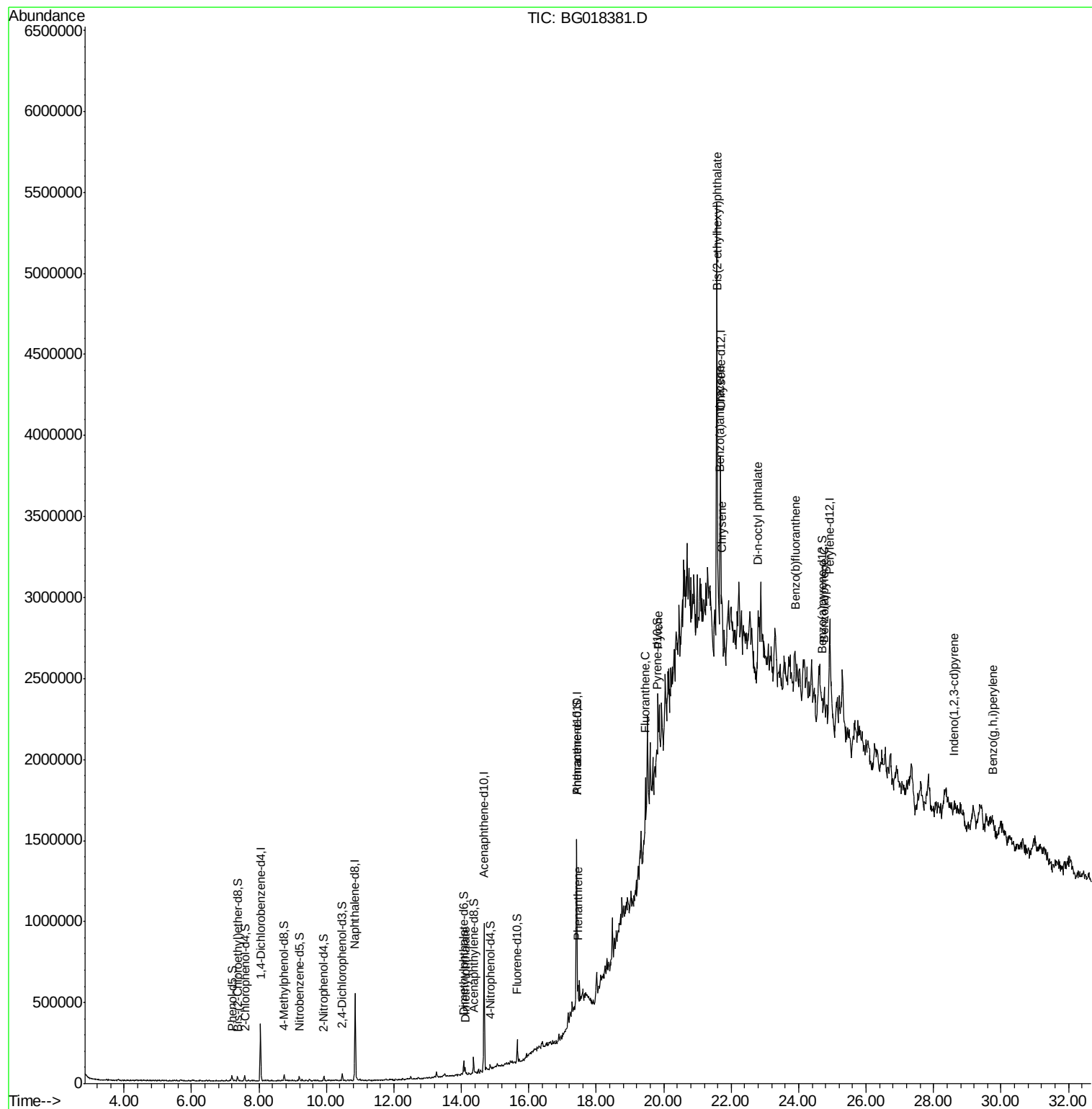
						Qvalue
45) Dimethylphthalate	14.11	163	27184	1.12	ng/ul#	93
70) Phenanthrene	17.46	178	78253	2.35	ng/ul#	96
77) Fluoranthene	19.46	202	184226	5.19	ng/ul	98
80) Pyrene	19.82	202	182674	5.11	ng/ul	100
83) Benzo(a)anthracene	21.66	228	97975	2.99	ng/ul#	84
84) Bis(2-ethylhexyl)phthalate	21.58	149	1268852	59.37	ng/ul#	96
85) Chrysene	21.73	228	107305	3.50	ng/ul#	90
87) Di-n-octyl phthalate	22.80	149	232951	6.66	ng/ul	100
88) Benzo(b)fluoranthene	23.89	252	150736	4.43	ng/ul#	46
91) Benzo(a)pyrene	24.76	252	96355	2.98	ng/ul#	15
92) Indeno(1,2,3-cd)pyrene	28.60	276	57331	1.53	ng/ul#	66
94) Benzo(g,h,i)perylene	29.76	276	36363	1.16	ng/ul#	42

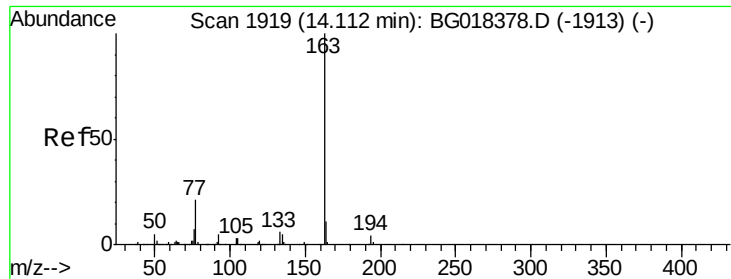
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.12 ng/ul

RT: 14.11 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Instrument :

BNA_G

ClientSampled :

C01W6DL

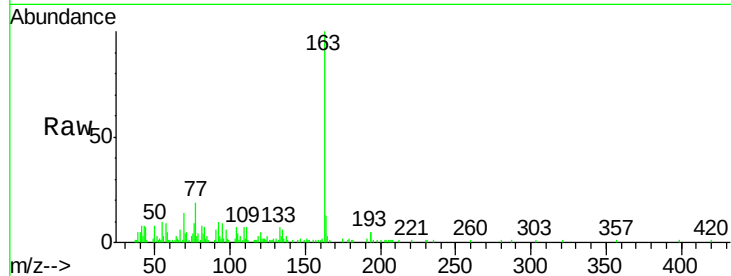
Tgt Ion:163 Resp: 27184

Ion Ratio Lower Upper

163 100

194 4.6 2.9 4.3#

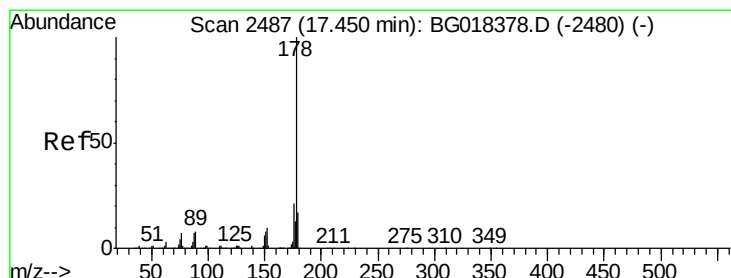
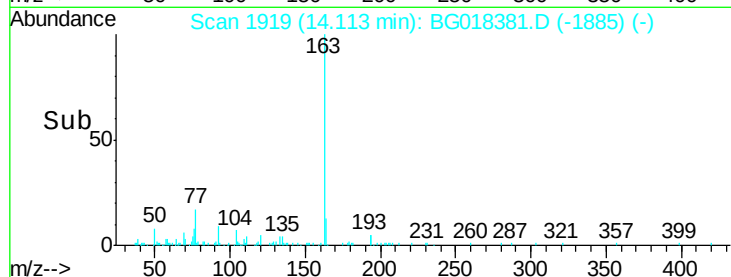
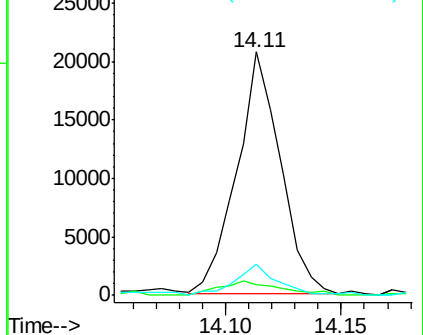
164 12.7 7.7 11.5#



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: 2.35 ng/ul

RT: 17.46 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

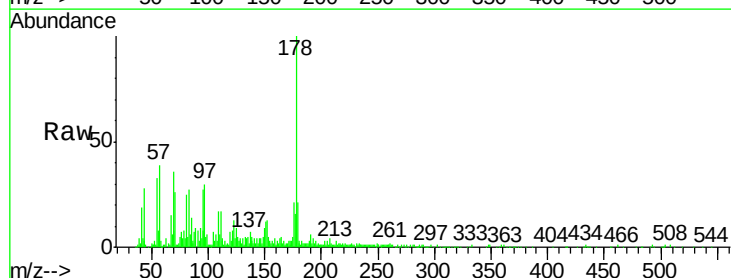
Tgt Ion:178 Resp: 78253

Ion Ratio Lower Upper

178 100

179 20.6 13.7 20.5#

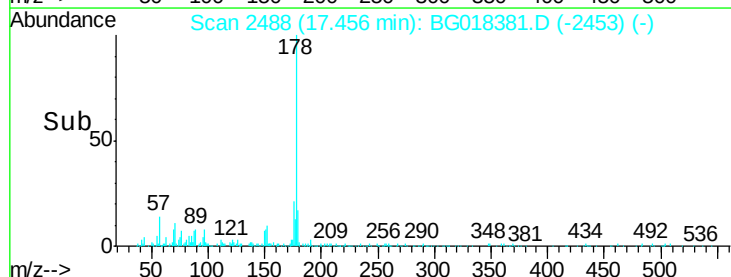
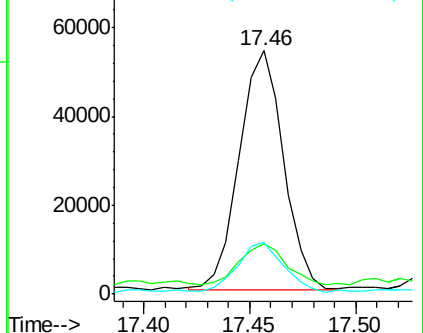
176 21.3 16.6 24.8

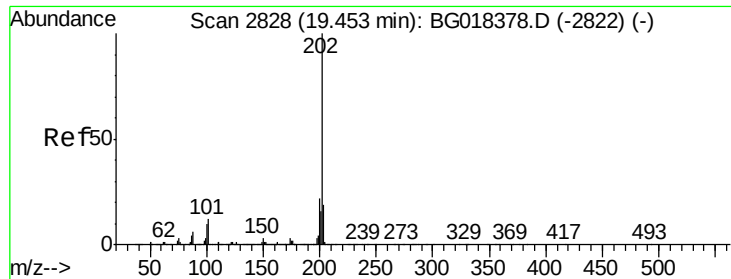


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

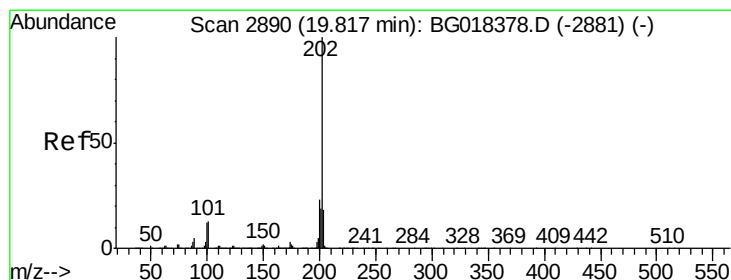
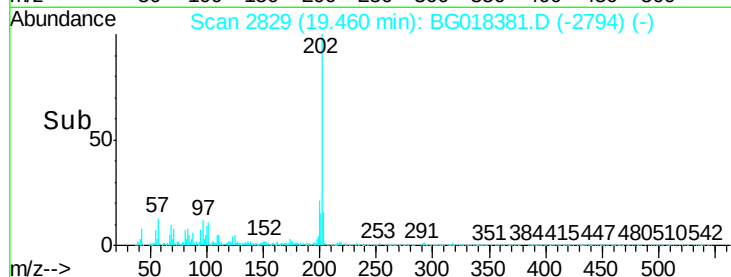
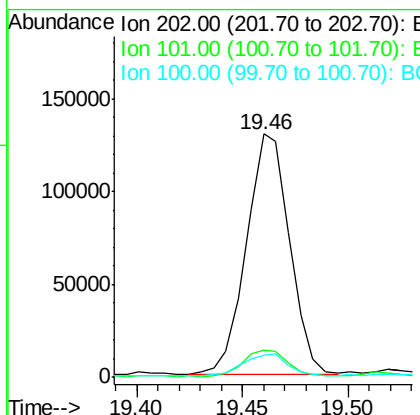
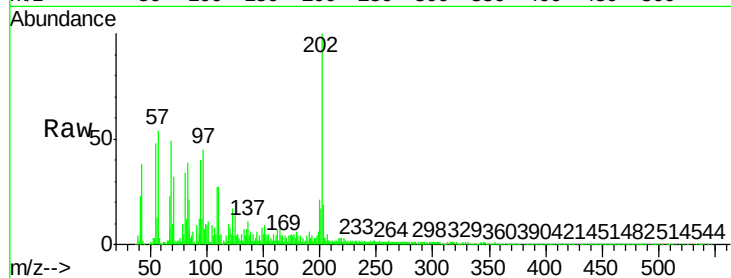




#77
Fluoranthene
Concen: 5.19 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.01 min
Lab File: BG018381.D
Acq: 11 Aug 2015 14:52

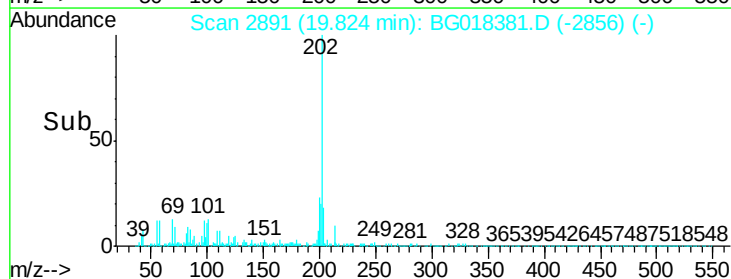
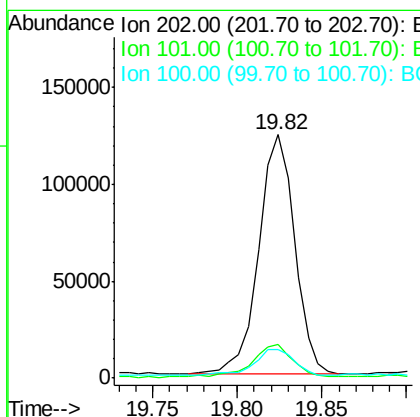
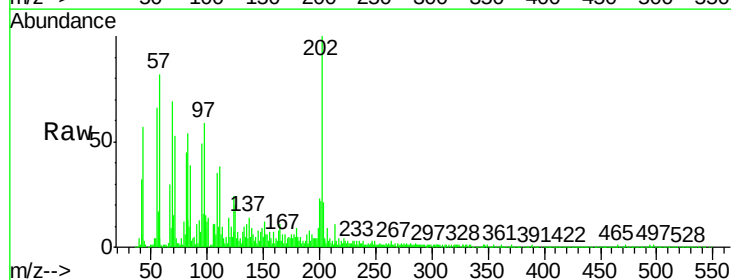
Instrument :
BNA_G
ClientSampleId :
C01W6DL

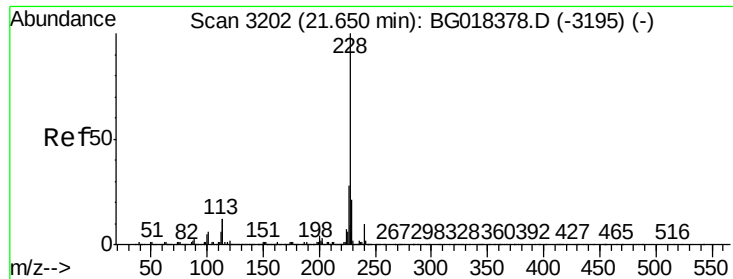
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.7	14.5
100	9.2	7.8	11.8



#80
Pyrene
Concen: 5.11 ng/ul
RT: 19.82 min Scan# 2891
Delta R.T. 0.01 min
Lab File: BG018381.D
Acq: 11 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.4
100	12.0	9.8	14.6





#83

Benzo(a)anthracene

Concen: 2.99 ng/ul

RT: 21.66 min Scan# 3204

Delta R.T. 0.01 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Instrument :

BNA_G

ClientSampleId :

C01W6DL

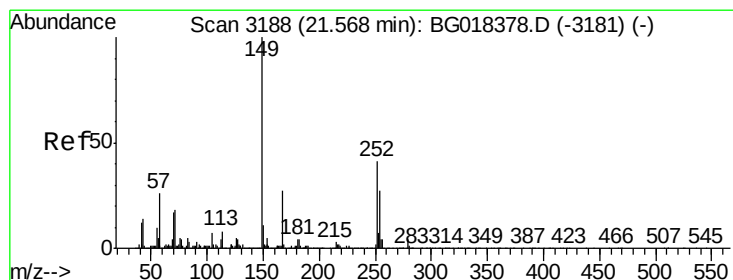
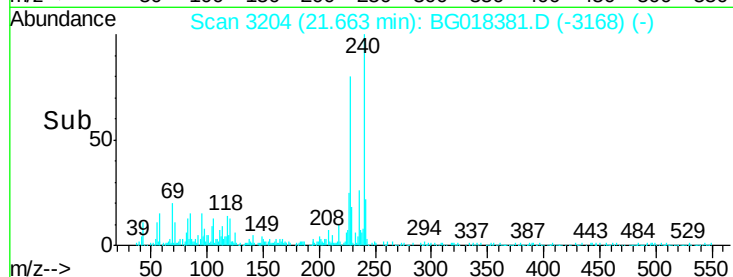
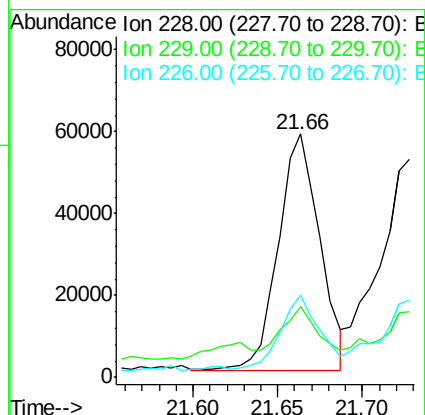
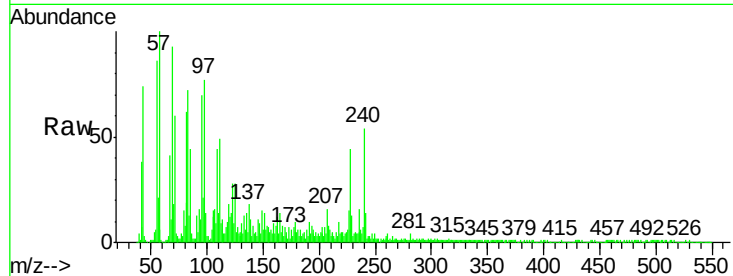
Tgt Ion:228 Resp: 97975

Ion Ratio Lower Upper

228 100

229 28.9 15.5 23.3#

226 33.7 22.1 33.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.37 ng/ul

RT: 21.58 min Scan# 3189

Delta R.T. 0.01 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

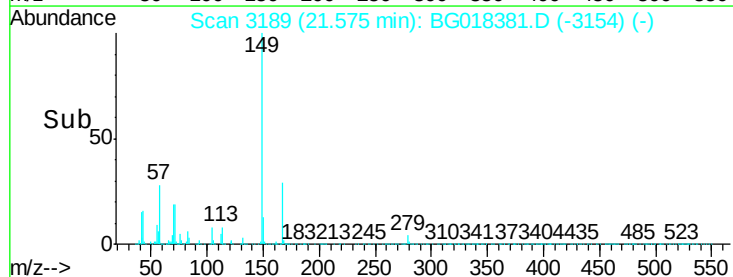
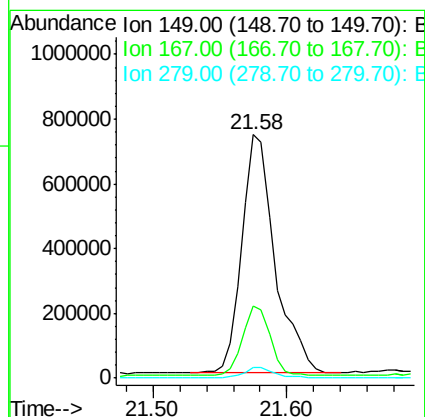
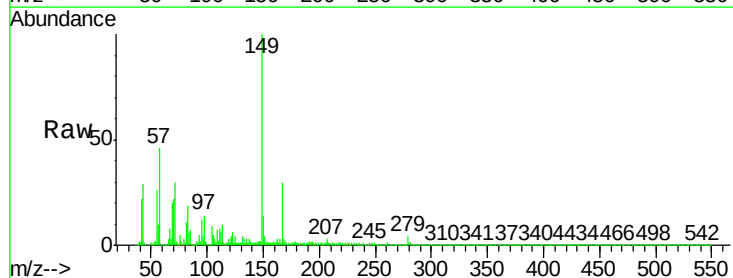
Tgt Ion:149 Resp: 1268852

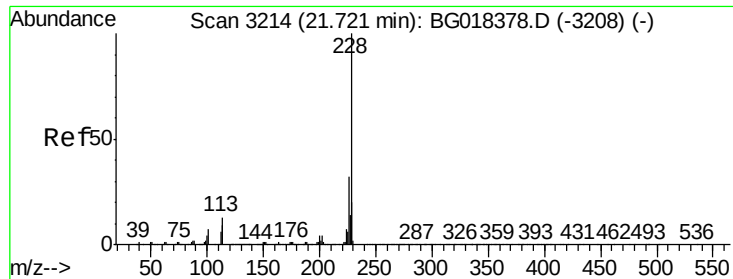
Ion Ratio Lower Upper

149 100

167 29.8 22.2 33.2

279 4.3 2.8 4.2#





#85

Chrysene

Concen: 3.50 ng/ul

RT: 21.73 min Scan# 3215

Delta R.T. 0.01 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Instrument :

BNA_G

ClientSampleId :

C01W6DL

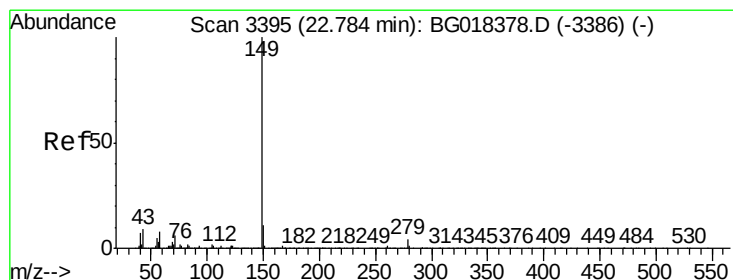
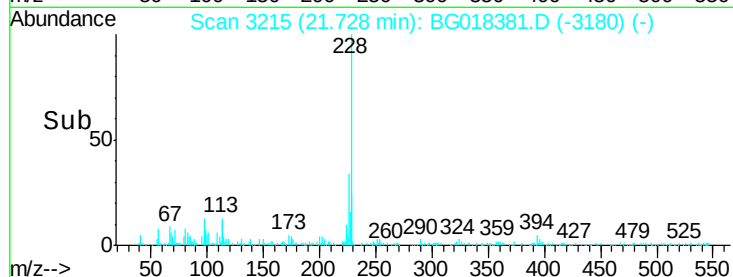
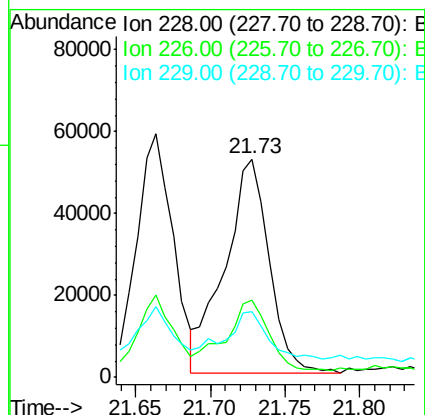
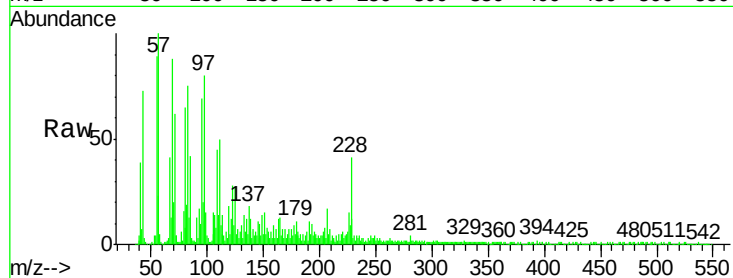
Tgt Ion:228 Resp: 107305

Ion Ratio Lower Upper

228 100

226 35.5 26.5 39.7

229 30.1 16.9 25.3#



#87

Di-n-octyl phthalate

Concen: 6.66 ng/ul

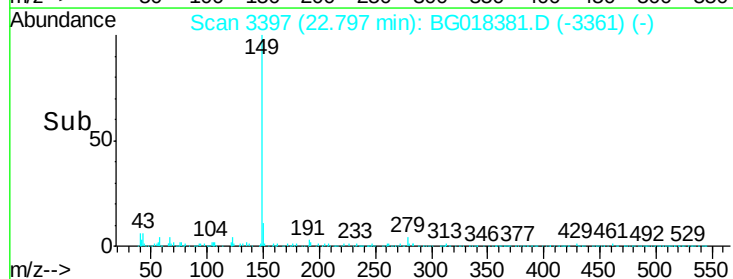
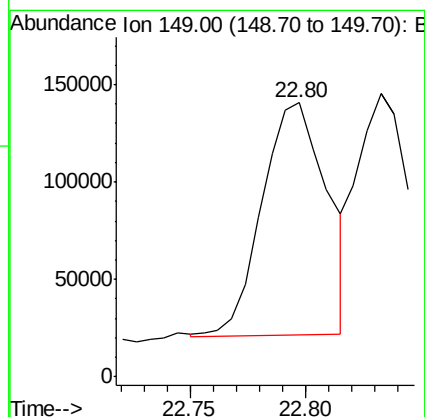
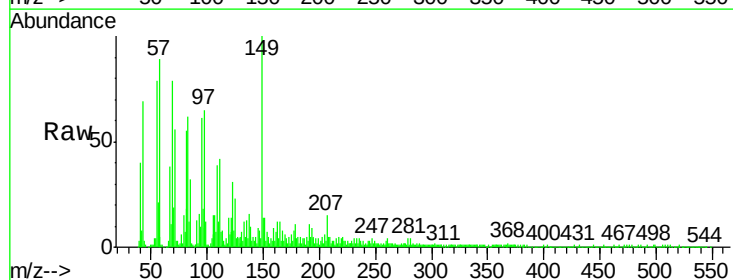
RT: 22.80 min Scan# 3397

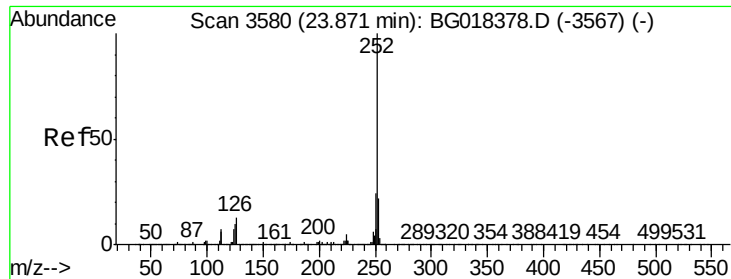
Delta R.T. 0.01 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Tgt Ion:149 Resp: 232951





#88

Benzo(b)fluoranthene

Concen: 4.43 ng/ul

RT: 23.89 min Scan# 3583

Delta R.T. 0.02 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Instrument :

BNA_G

ClientSampleId :

C01W6DL

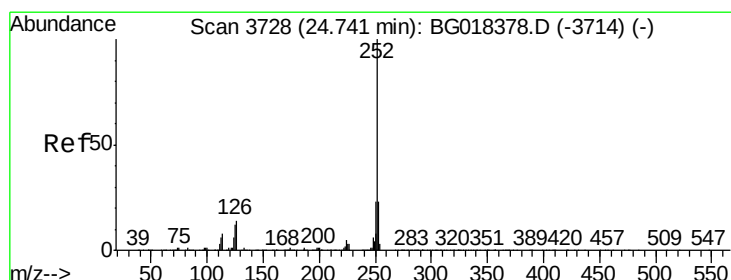
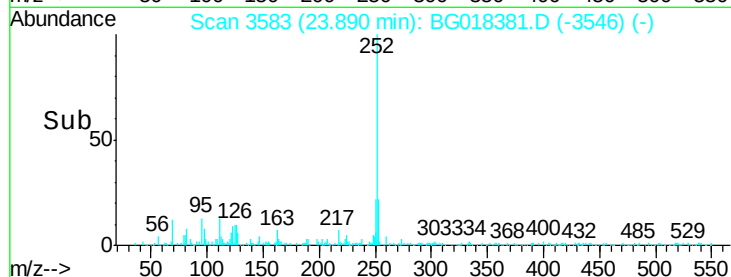
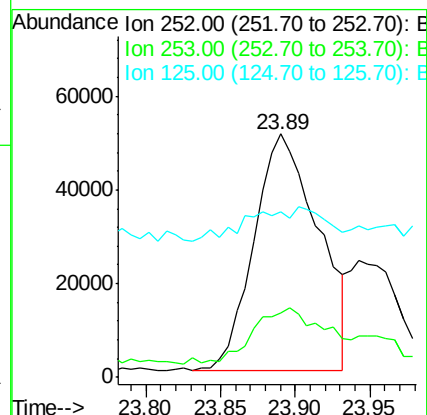
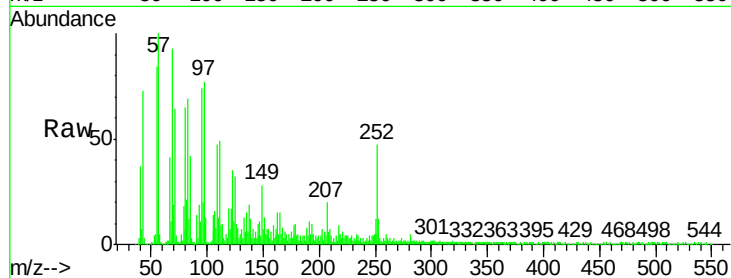
Tgt Ion:252 Resp: 150736

Ion Ratio Lower Upper

252 100

253 26.3 18.1 27.1

125 67.9 8.3 12.5#



#91

Benzo(a)pyrene

Concen: 2.98 ng/ul

RT: 24.76 min Scan# 3731

Delta R.T. 0.02 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

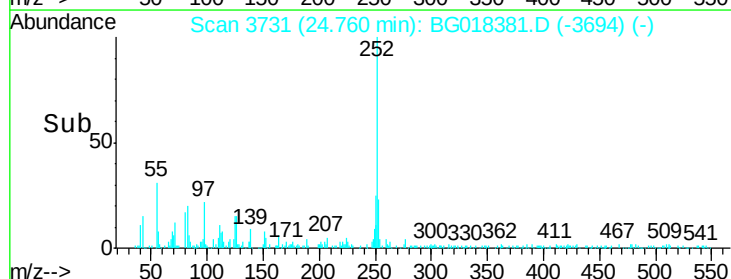
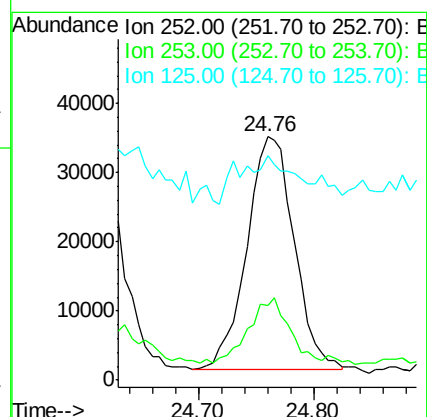
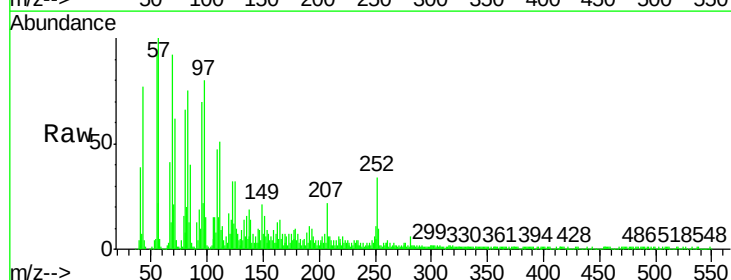
Tgt Ion:252 Resp: 96355

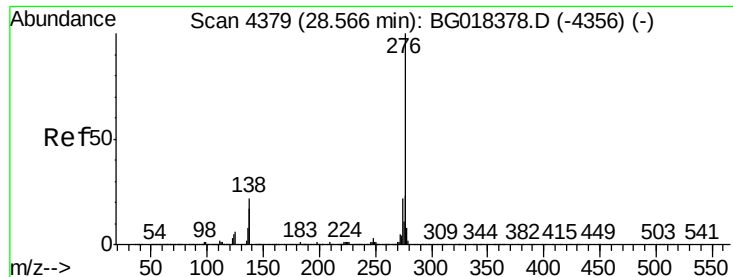
Ion Ratio Lower Upper

252 100

253 30.6 17.7 26.5#

125 92.1 10.2 15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.53 ng/ul

RT: 28.60 min Scan# 4385

Delta R.T. 0.04 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

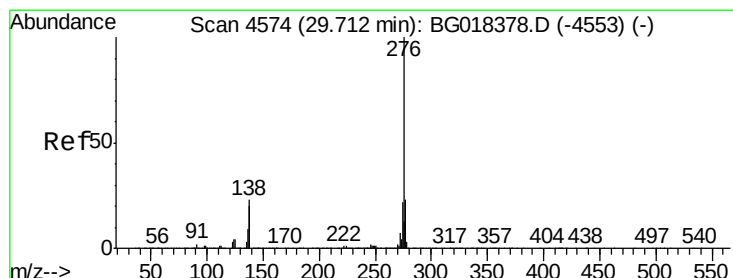
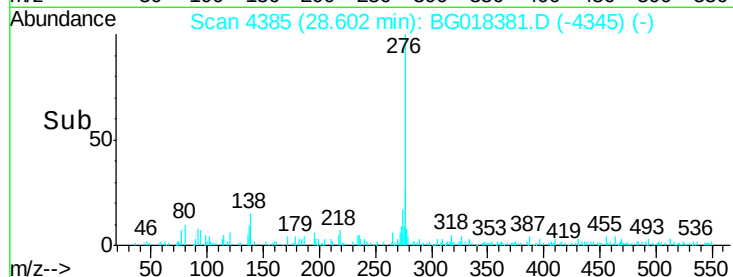
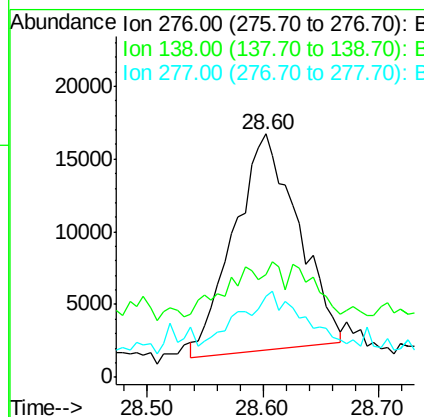
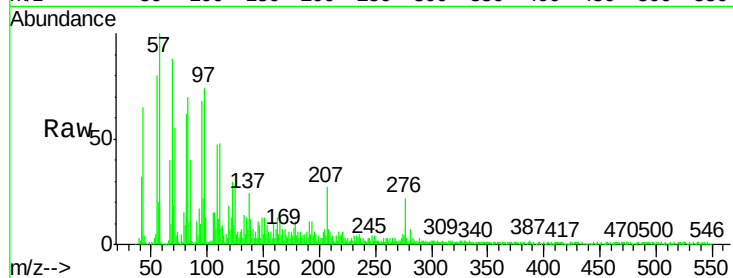
Instrument :

BNA_G

ClientSampleId :

C01W6DL

Tgt Ion:	276	Resp:	57331
Ion Ratio	Lower	Upper	
276	100		
138	42.4	15.8	23.6#
277	33.4	18.9	28.3#



#94

Benzo(g,h,i)perylene

Concen: 1.16 ng/ul

RT: 29.76 min Scan# 4582

Delta R.T. 0.05 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Tgt Ion:	276	Resp:	36363
Ion Ratio	Lower	Upper	
276	100		
138	66.1	16.5	24.7#
277	34.9	19.0	28.6#

