

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM

Quant Time: Oct 02 11:48:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51525m	20.00	ng/ul	0.08
18) Naphthalene-d8	10.80	136	239342	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.60	164	152707	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	384221	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	469801	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	452886	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1123	1.05	ng/uL	0.00
5) Phenol-d5	7.20	99	16582	3.92	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	68280	27.85	ng/ul	0.03
9) 2-Chlorophenol-d4	7.54	132	73083m	22.81	ng/ul	0.02
13) 4-Methylphenol-d8	8.74	113	37485m	10.92	ng/ul	0.03
19) Nitrobenzene-d5	9.16	128	47354	26.11	ng/ul	0.01
22) 2-Nitrophenol-d4	9.87	143	46404	25.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	80110	20.86	ng/ul	0.01
29) 4-Chloroaniline-d4	10.94	131	9621	2.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	304970	24.82	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	364585	25.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	6879m	2.92	ng/ul	0.04
58) Fluorene-d10	15.60	176	271454	25.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	27063	14.88	ng/ul	0.00
71) Anthracene-d10	17.45	188	435429	25.74	ng/ul	0.00
79) Pyrene-d10	19.73	212	544849	25.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	569568	25.84	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.22	94	17510	4.00	ng/ul#	88
10) 2-Chlorophenol	7.57	128	19720	5.95	ng/ul	91
11) 2-Methylphenol	8.42	108	185678m	55.17	ng/ul	
20) Nitrobenzene	9.22	77	2950416	701.73	ng/ul#	80
30) 4-Chloroaniline	10.91	127	875591	189.50	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	321816	67.99	ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	324364	70.95	ng/uL	97

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

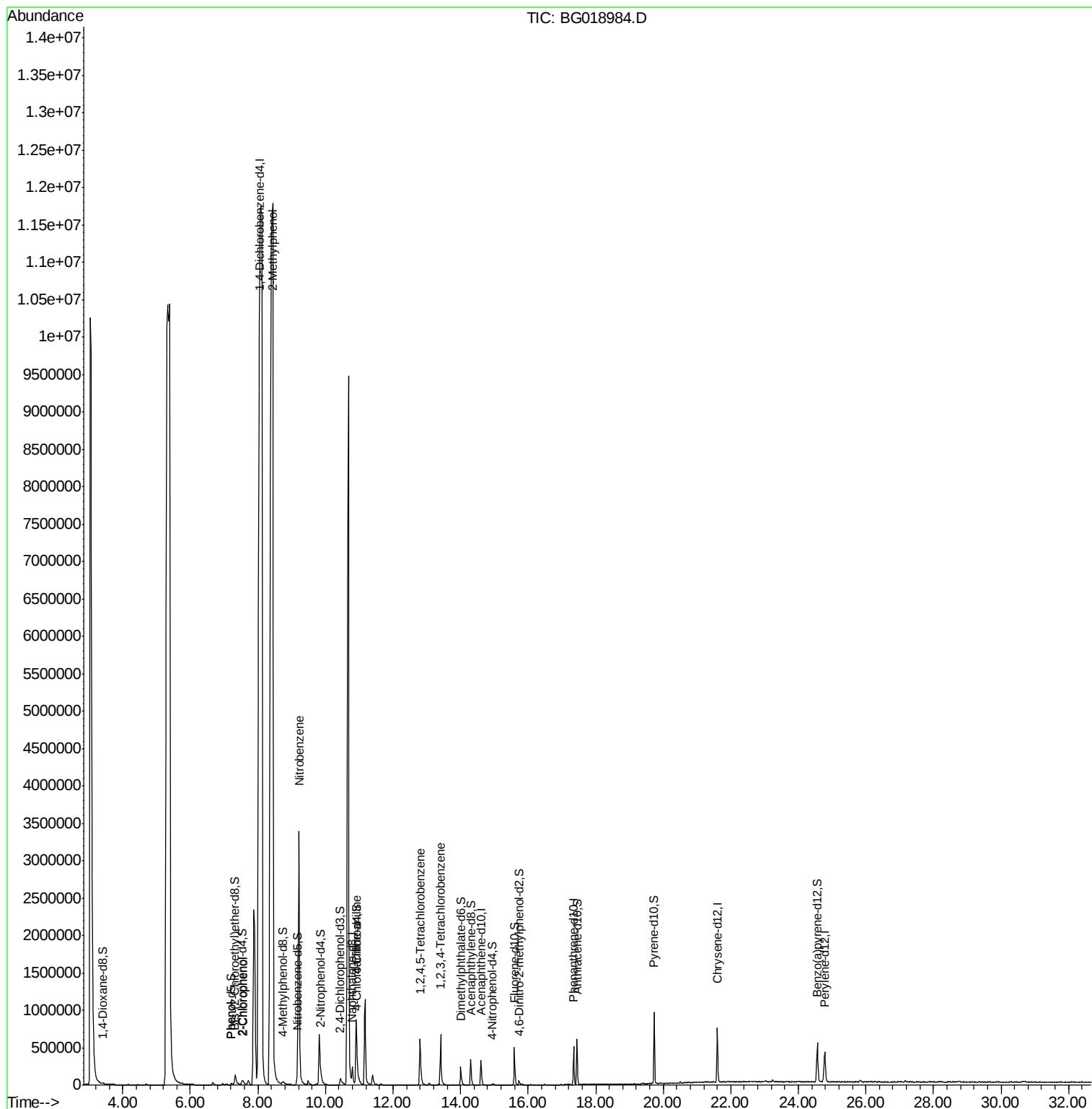
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100215\
Data File : BG018984.D
Acq On : 1 Oct 2015 18:15
Operator : UM/NP
Sample : G3831-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

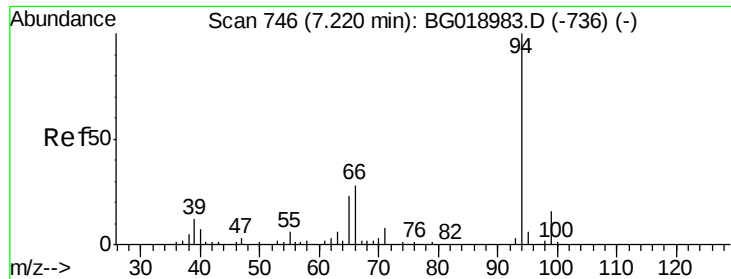
Instrument :
BNA_G
ClientSampleId :
C0AR5

Manual Integrations
APPROVED

MMDadoda
10/2/2015 5:43:44 PM

Quant Time: Oct 02 11:48:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:17:47 2015
Response via : Initial Calibration





#6

Phenol

Concen: 4.00 ng/ul

RT: 7.22 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG018984.D

Acq: 1 Oct 2015 18:15

Instrument :

BNA_G

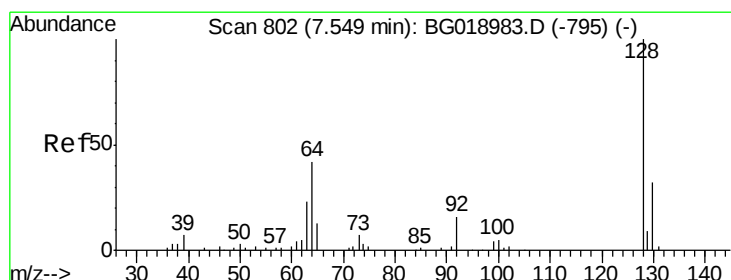
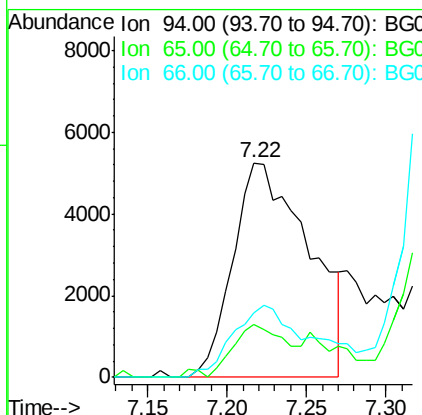
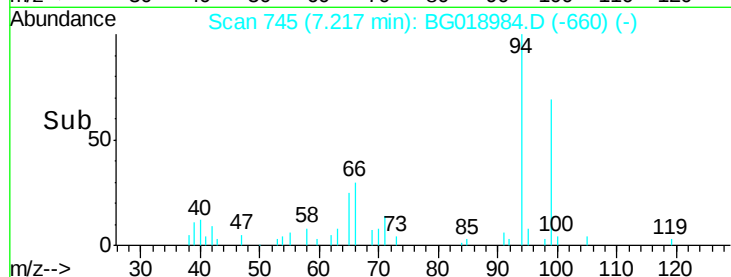
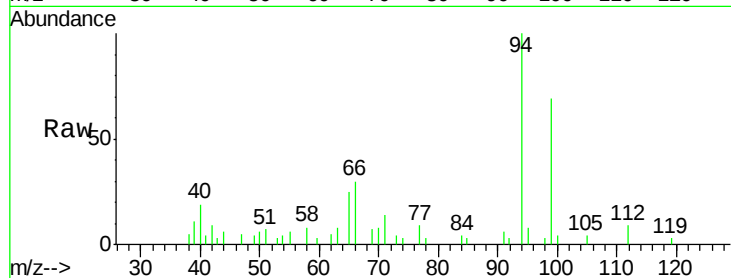
ClientSampleId :

C0AR5

Tgt Ion:	94	Resp:	17510
Ion	Ratio	Lower	Upper
94	100		
65	24.6	23.0	34.6
66	30.0	31.0	46.4#

Manual Integrations
APPROVED

MMDadoda
10/2/2015 5:43:44 PM



#10

2-Chlorophenol

Concen: 5.95 ng/ul

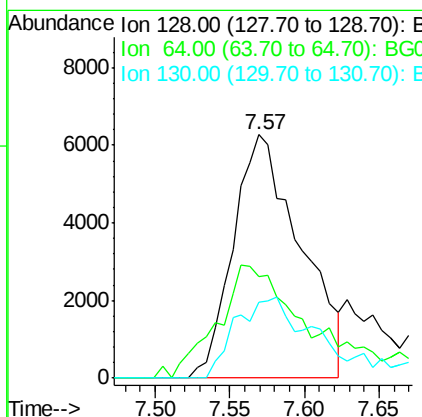
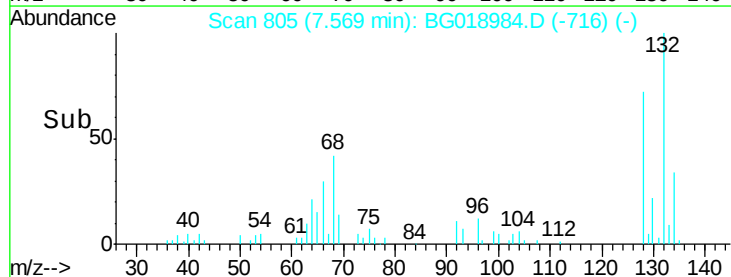
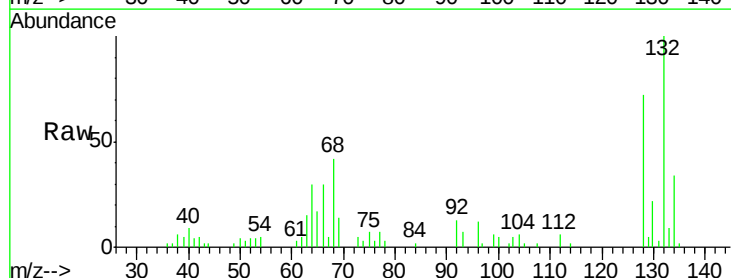
RT: 7.57 min Scan# 805

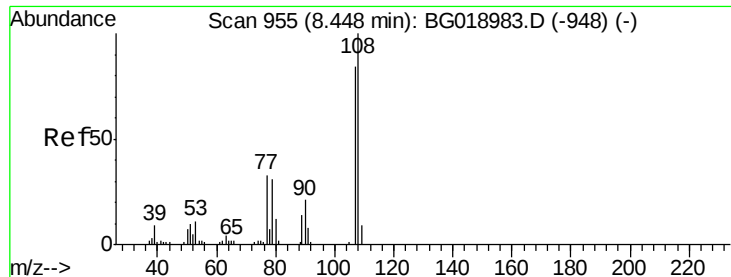
Delta R.T. 0.02 min

Lab File: BG018984.D

Acq: 1 Oct 2015 18:15

Tgt Ion:	128	Resp:	19720
Ion	Ratio	Lower	Upper
128	100		
64	41.5	40.9	61.3
130	31.0	24.5	36.7





#11

2-Methylphenol

Concen: 55.17 ng/ul m

RT: 8.42 min Scan# 949

Delta R.T. -0.03 min

Lab File: BG018984.D

Acq: 1 Oct 2015 18:15

Instrument :

BNA_G

ClientSampleId :

C0AR5

Tgt Ion:108 Resp: 185678

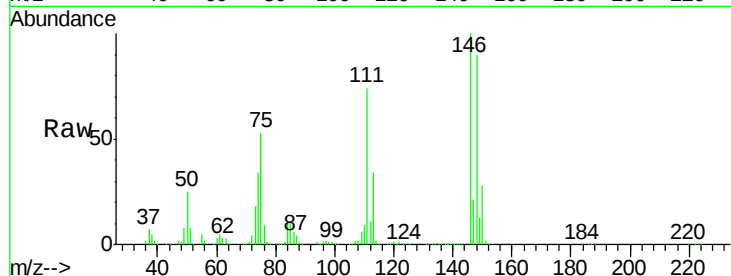
Ion Ratio Lower Upper

108 100

107 84.2 72.1 108.1

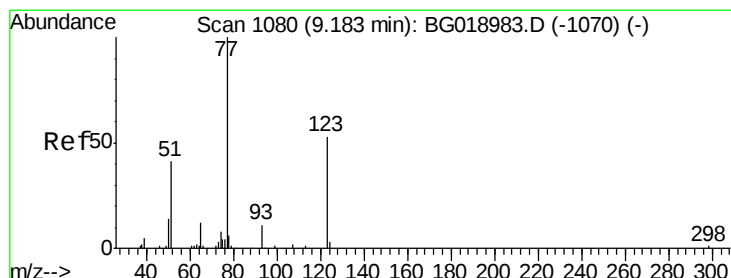
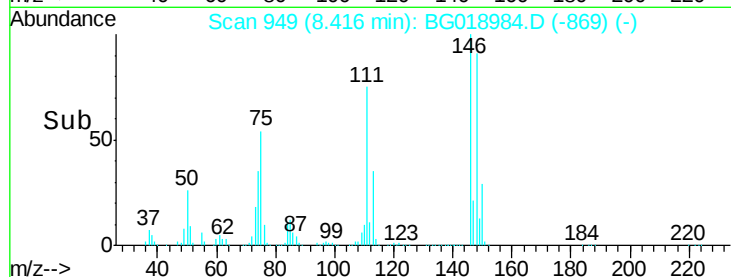
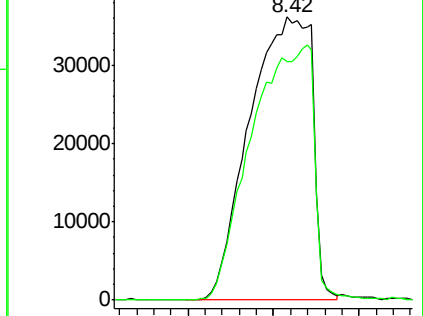
Manual Integrations
APPROVED

MMDadoda
10/2/2015 5:43:44 PM



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 701.73 ng/ul

RT: 9.22 min Scan# 1086

Delta R.T. 0.04 min

Lab File: BG018984.D

Acq: 1 Oct 2015 18:15

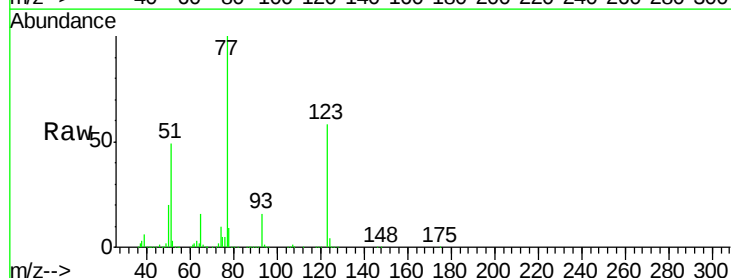
Tgt Ion: 77 Resp: 2950416

Ion Ratio Lower Upper

77 100

123 58.0 32.8 49.2#

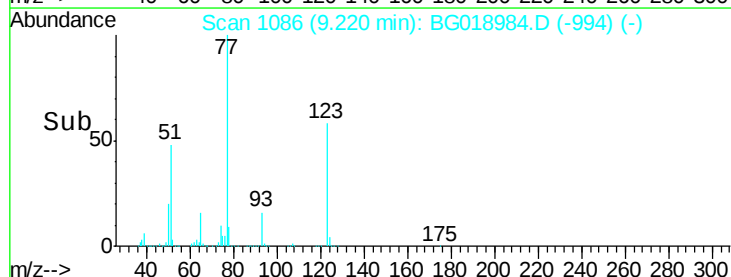
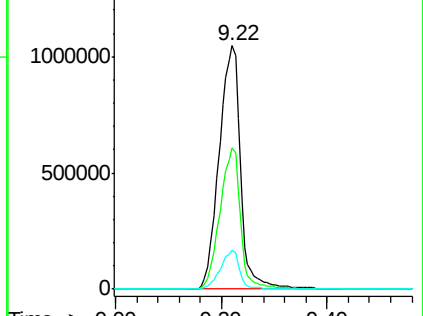
65 16.1 12.2 18.2

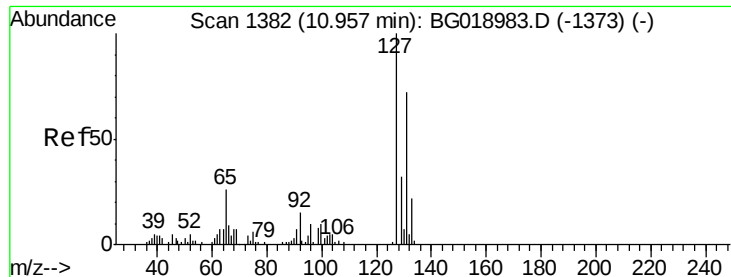


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





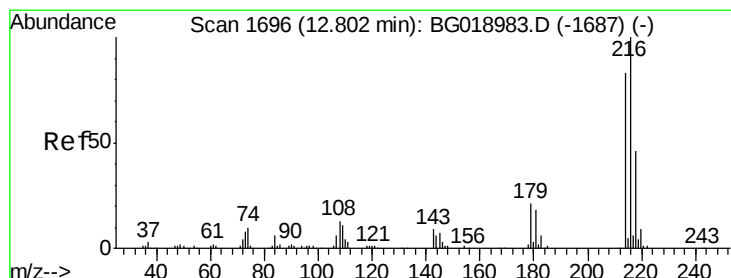
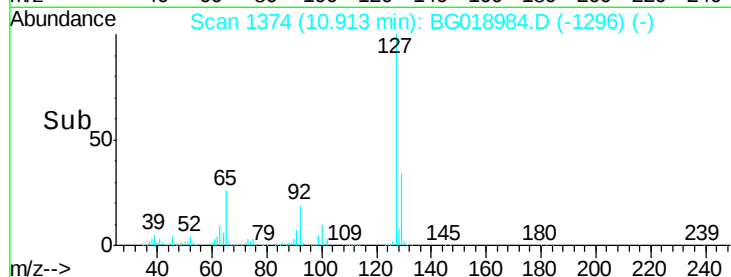
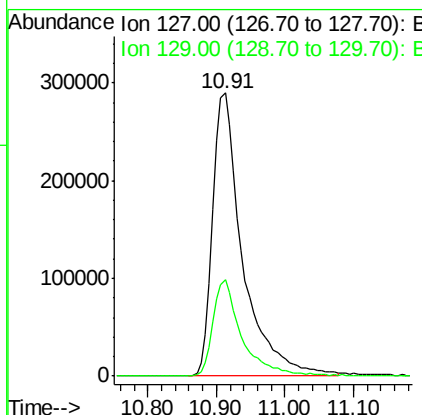
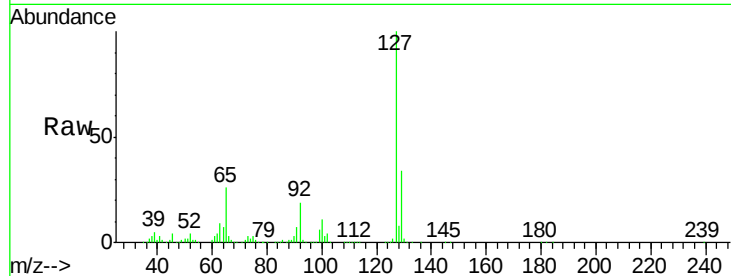
#30
 4-Chloroaniline
 Concen: 189.50 ng/u1
 RT: 10.91 min Scan# 1374
 Delta R.T. -0.04 min
 Lab File: BG018984.D
 Acq: 1 Oct 2015 18:15

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.7	40.1

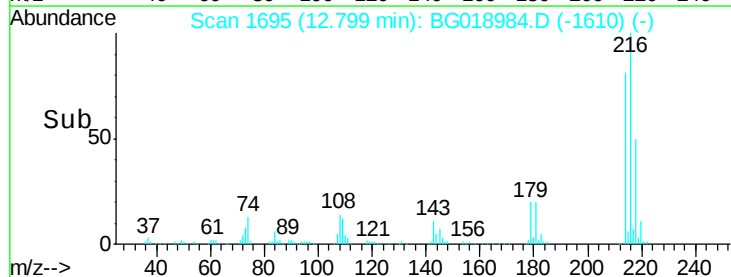
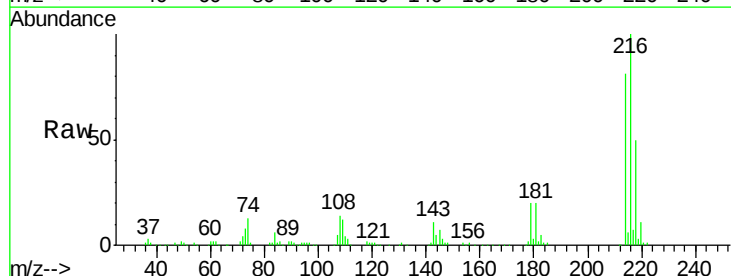
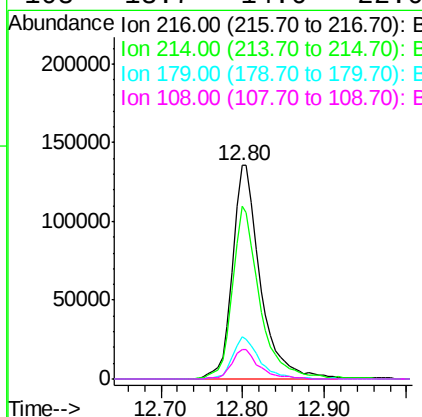
Manual Integrations
 APPROVED

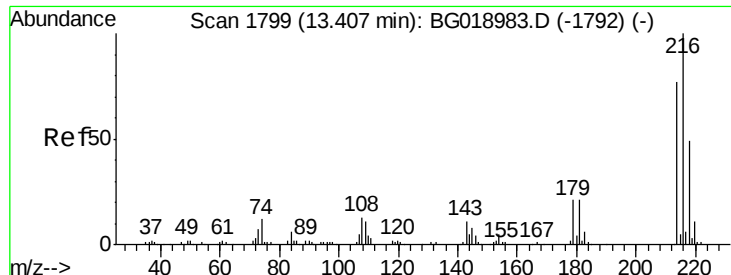
MMDadoda
 10/2/2015 5:43:44 PM



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 67.99 ng/u1
 RT: 12.80 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG018984.D
 Acq: 1 Oct 2015 18:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.5	93.7
179	19.6	18.2	27.2
108	13.7	14.6	22.0#





#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 70.95 ng/uL
 RT: 13.41 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: BG018984.D
 Acq: 1 Oct 2015 18:15

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	77.8	64.0	96.0
218	46.1	38.7	58.1

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM

