Quantitation Report (Not Reviewed)

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

Quant Time: Oct 02 04:37:39 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 04:39:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	14560	20.00	ng/ul	0.03
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	449502	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	1123	3.71	ng/uL	0.00
5) Phenol-d5	7.20	99	16582	13.87	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	68280	98.55	ng/ul	0.03
9) 2-Chlorophenol-d4	7.69	132	485	0.54	ng/ul	0.17
13) 4-Methylphenol-d8	8.74	113	16791	17.31	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	2691	1.14	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	26.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	3926	11.99	ng/uL#	62
6) Phenol	7.22	94	17510	14.16	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.33	93	98557	106.70	ng/ul#	25
10) 2-Chlorophenol	7.57	128	19720	21.04	ng/ul	91
11) 2-Methylphenol	8.42	108	154089	162.02	ng/ul	94
20) Nitrobenzene	9.22	77	2942857	699.93	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

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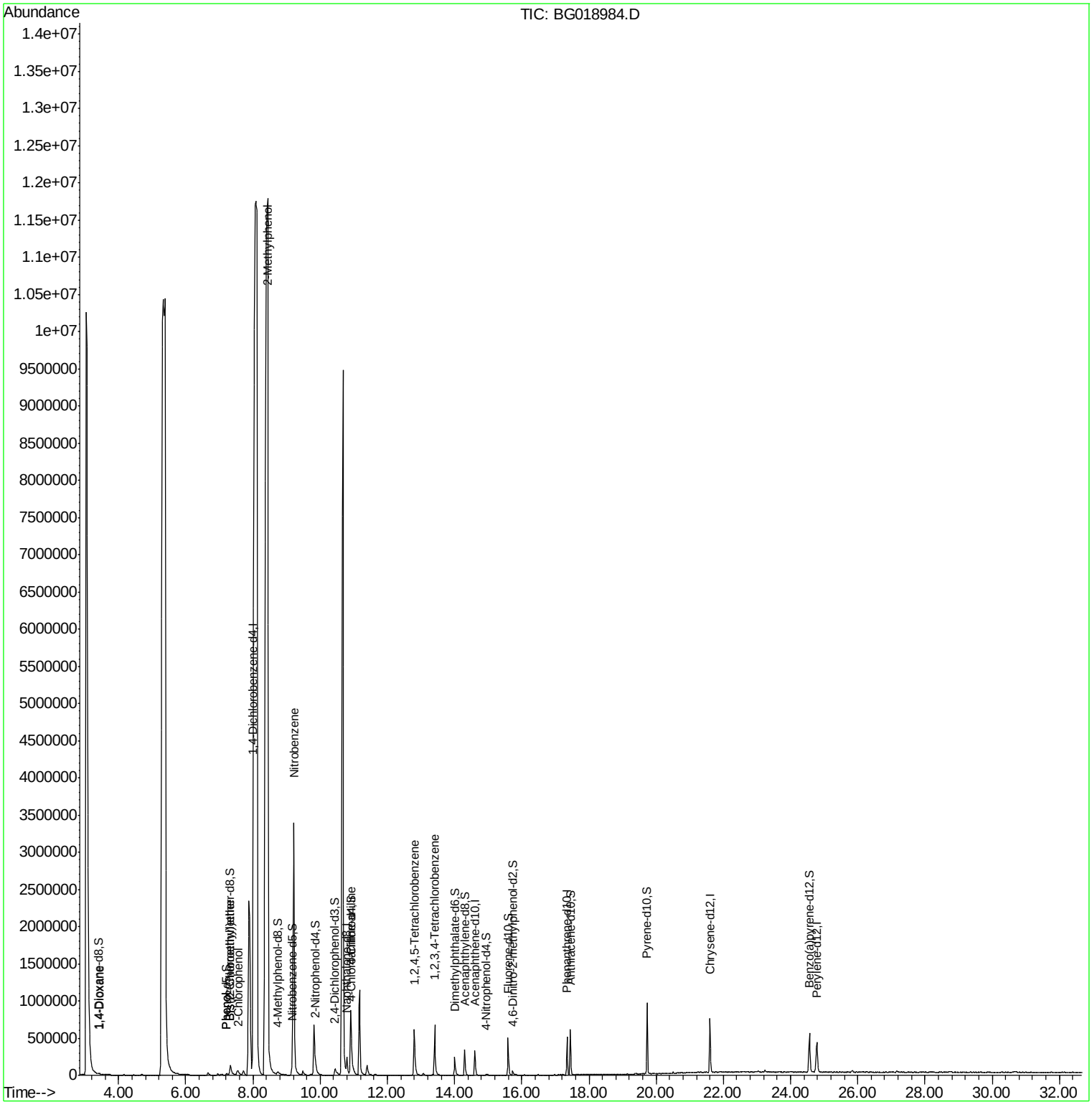
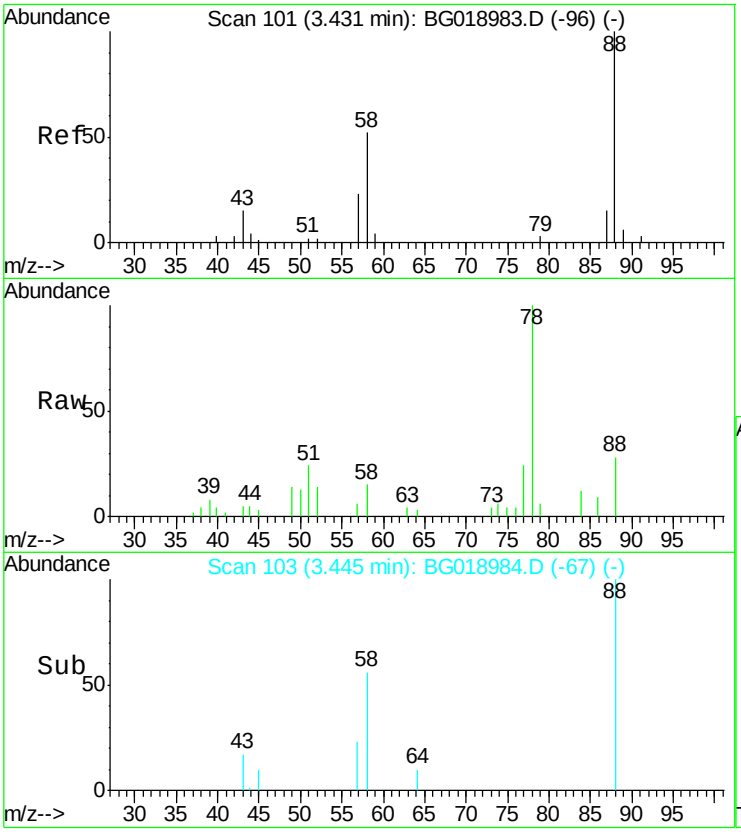


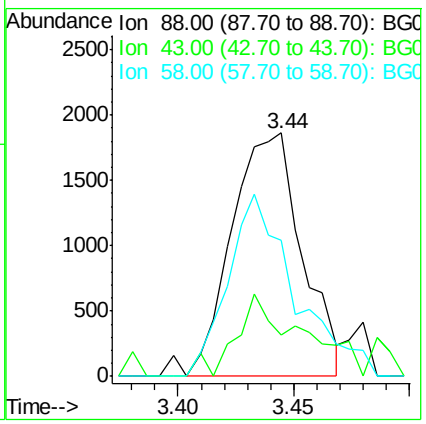


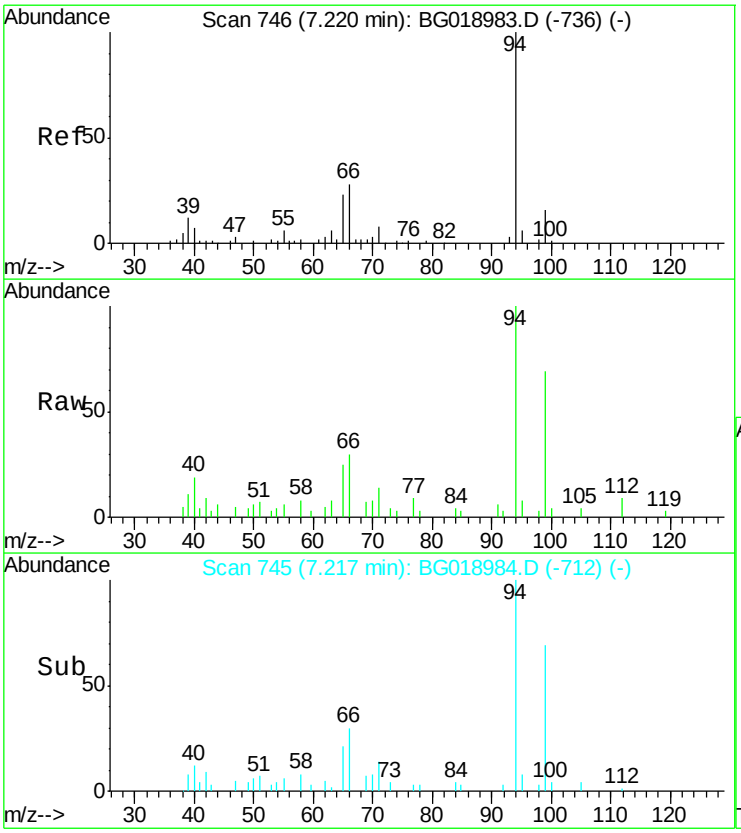
#2
1,4-Dioxane
Concen: 11.99 ng/uL
RT: 3.44 min Scan# 103
Delta R.T. 0.01 min
Lab File: BG018984.D
Acq: 1 Oct 2015 18:15

Instrument :
BNA_G
ClientSampleId :
C0AR5

Tgt Ion: 88 Resp: 3926

Ion	Ratio	Lower	Upper
88	100		
43	16.9	33.0	49.4#
58	55.9	73.4	110.0#

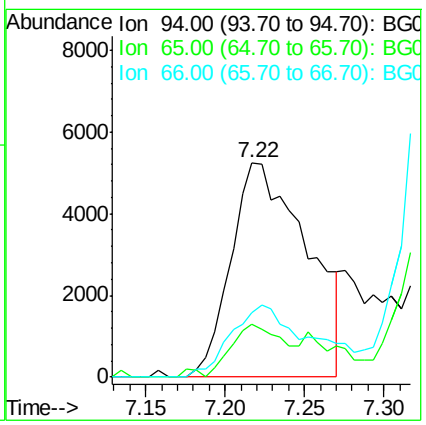


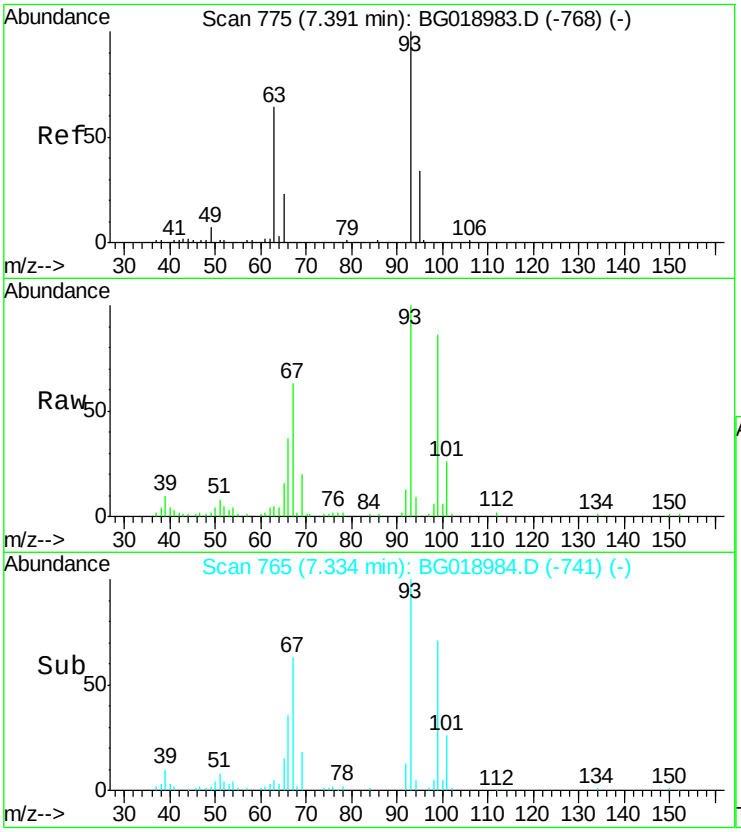


#6
Phenol
Concen: 14.16 ng/ul
RT: 7.22 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG018984.D
Acq: 1 Oct 2015 18:15

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#



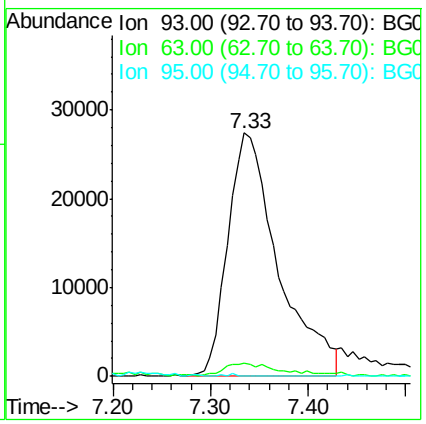


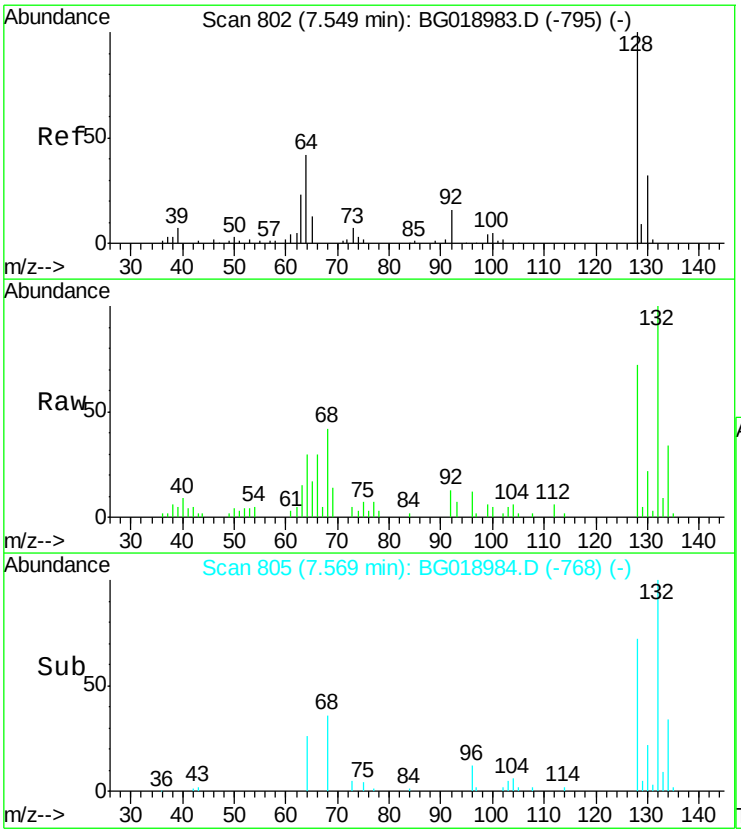
#8
Bis(2-Chloroethyl)ether
Concen: 106.70 ng/ul
RT: 7.33 min Scan# 765
Delta R.T. -0.06 min
Lab File: BG018984.D
Acq: 1 Oct 2015 18:15

Instrument :
BNA_G
ClientSampleId :
C0AR5

Tgt Ion: 93 Resp: 98557

Ion	Ratio	Lower	Upper
93	100		
63	5.3	61.4	92.2#
95	0.0	25.9	38.9#

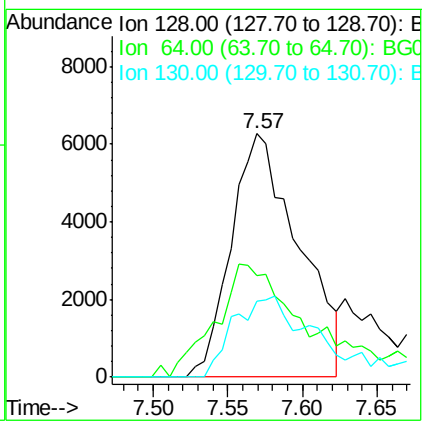


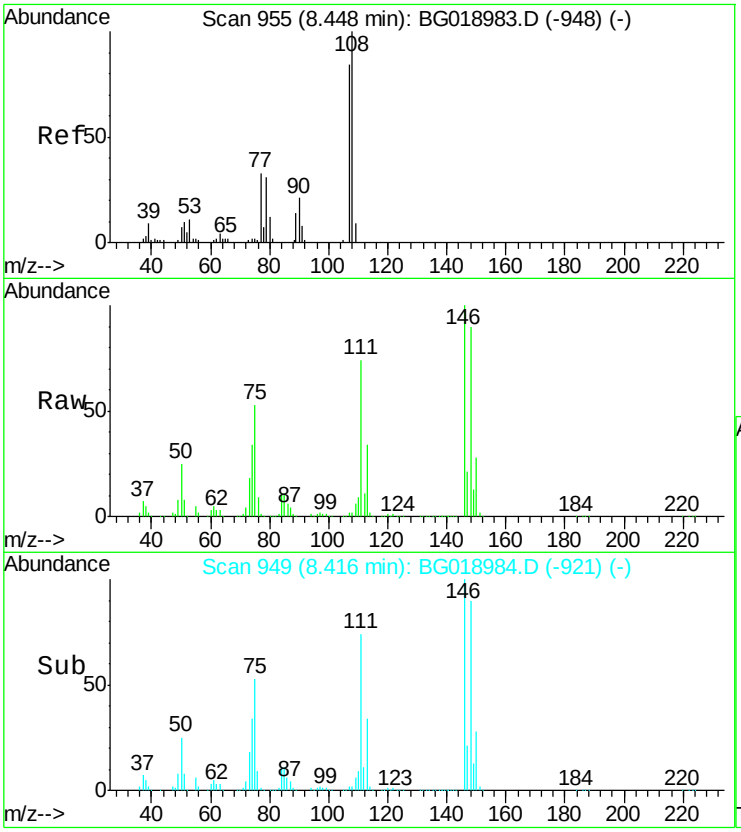


#10
2-Chlorophenol
Concen: 21.04 ng/ul
RT: 7.57 min Scan# 805
Delta R.T. 0.02 min
Lab File: BG018984.D
Acq: 1 Oct 2015 18:15

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



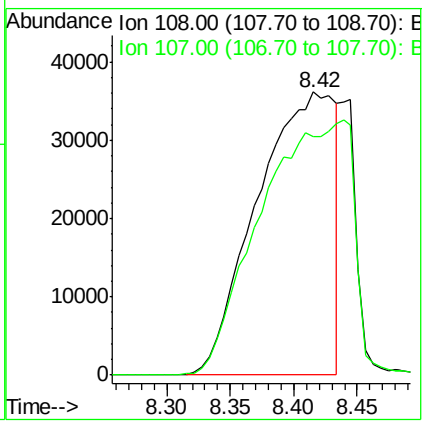


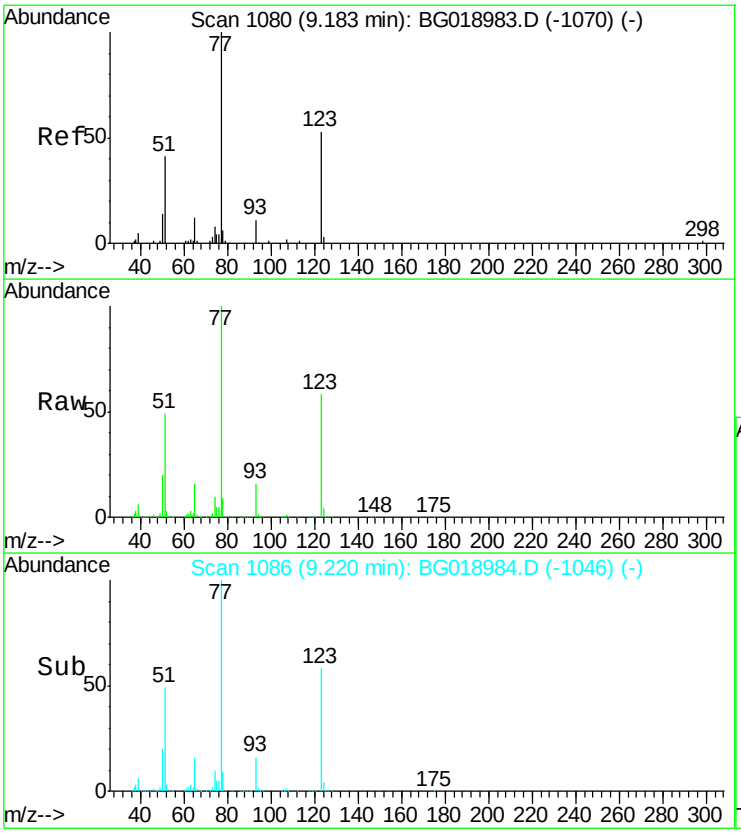
#11
2-Methylphenol
Concen: 162.02 ng/ul
RT: 8.42 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG018984.D
Acq: 1 Oct 2015 18:15

Instrument :
BNA_G
ClientSampleId :
C0AR5

Tgt Ion:108 Resp: 154089

Ion	Ratio	Lower	Upper
108	100		
107	84.2	72.1	108.1

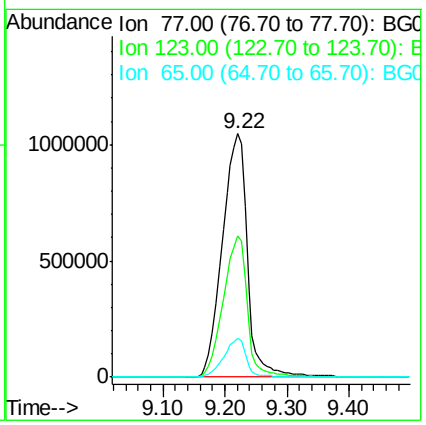


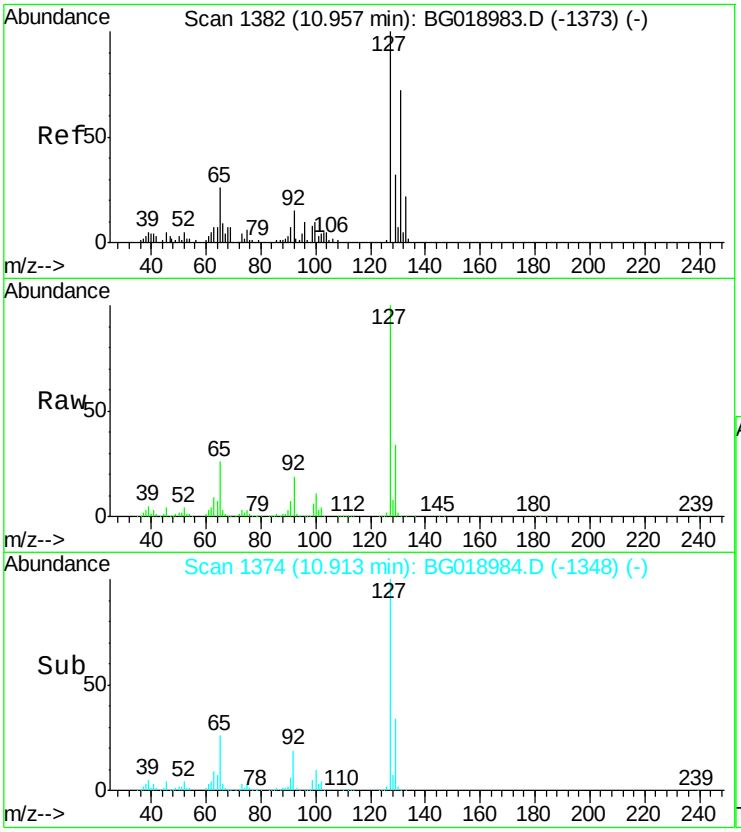


#20
Nitrobenzene
Concen: 699.93 ng/ul
RT: 9.22 min Scan# 1086
Delta R.T. 0.04 min
Lab File: BG018984.D
Acq: 1 Oct 2015 18:15

Tgt Ion: 77 Resp: 2942857

Ion	Ratio	Lower	Upper
77	100		
123	58.0	32.8	49.2#
65	16.1	12.2	18.2



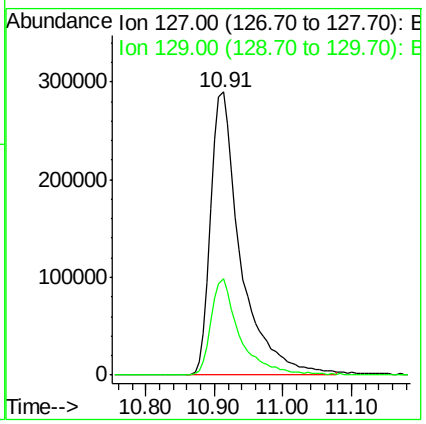


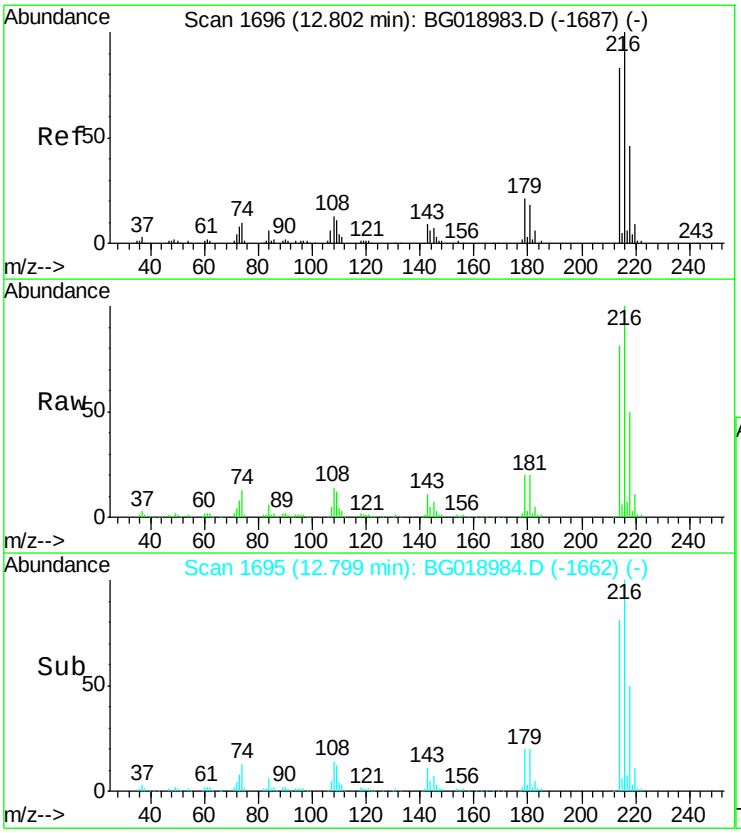
#30
4-Chloroaniline
Concen: 189.50 ng/ul
RT: 10.91 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BG018984.D
Acq: 1 Oct 2015 18:15

Instrument :
BNA_G
ClientSampleId :
C0AR5

Tgt Ion:127 Resp: 875591

Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.7	40.1

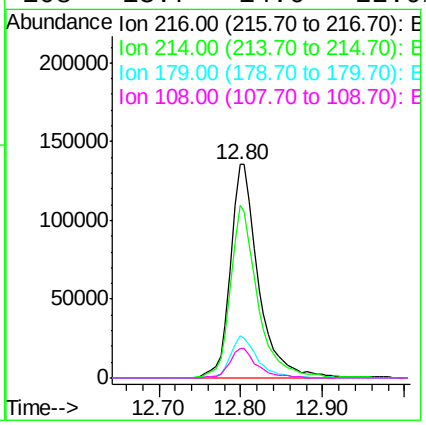


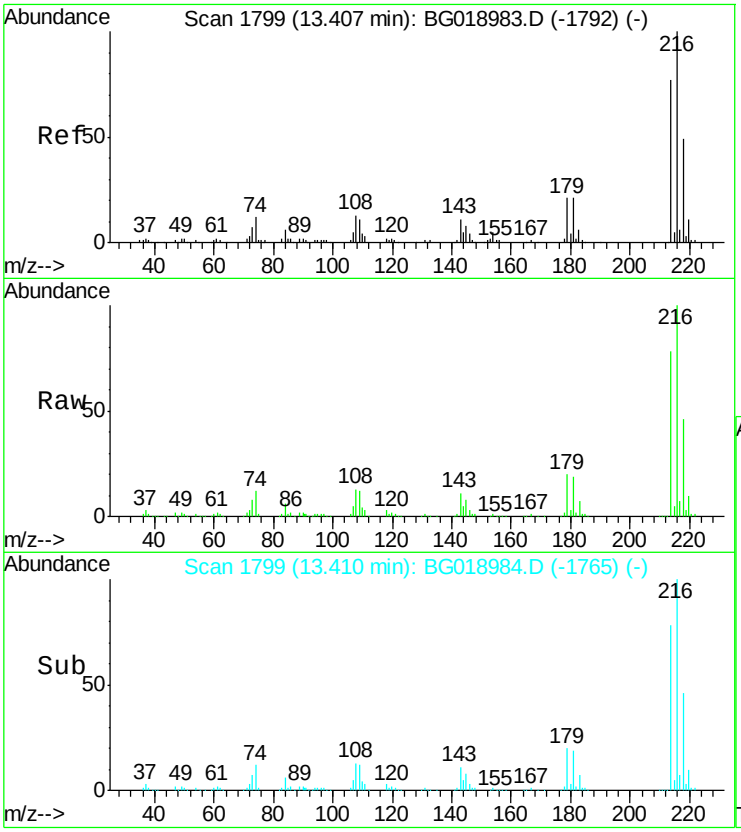


#37
1,2,4,5-Tetrachlorobenzene
Concen: 67.99 ng/ul
RT: 12.80 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BG018984.D
Acq: 1 Oct 2015 18:15

Tgt Ion:216 Resp: 321816

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:216 Resp: 324364

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