Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021017\
Data File : BG025833.D
Acq On : 10 Feb 2017 18:51
Operator : SJ/MA
Sample : I1780-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Quant Time: Feb 10 22:11:19 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 10 22:04:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	88021	20.00	ng/ul	0.04
18) Naphthalene-d8	10.91	136	439713	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.69	164	292561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	616356	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	635817	20.00	ng/ul	0.00
85) Perylene-d12	24.88	264	614546	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	10144	5.15	ng/uL	0.00
5) Phenol-d5	7.24	99	43303	5.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	165571	32.71	ng/ul	0.02
9) 2-Chlorophenol-d4	7.63	132	159038	25.43	ng/ul	0.01
13) 4-Methylphenol-d8	8.78	113	89336	13.02	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	104713	37.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	113807	37.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	184930	28.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	3161	0.38	ng/ul	0.01
43) Dimethylphthalate-d6	14.10	166	712999	33.25	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	857288	34.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	22959	5.60	ng/ul	0.00
57) Fluorene-d10	15.68	176	636823	33.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	99312	31.58	ng/ul	0.00
70) Anthracene-d10	17.52	188	985168	35.23	ng/ul	0.00
78) Pyrene-d10	19.79	212	1111068	36.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.67	264	995891	36.48	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.53	108	247265	37.20	ng/ul	96
20) Nitrobenzene	9.29	77	384600	57.67	ng/ul	97
23) 2-Nitrophenol	10.00	139	12500	3.79	ng/ul#	92
36) 1,2,4,5-Tetrachlorobenzene	12.90	216	246119	34.49	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.50	216	743403	110.26	ng/uL	98
73) Pentachlorobenzene	15.01	250	24124	3.41	ng/uL	97

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

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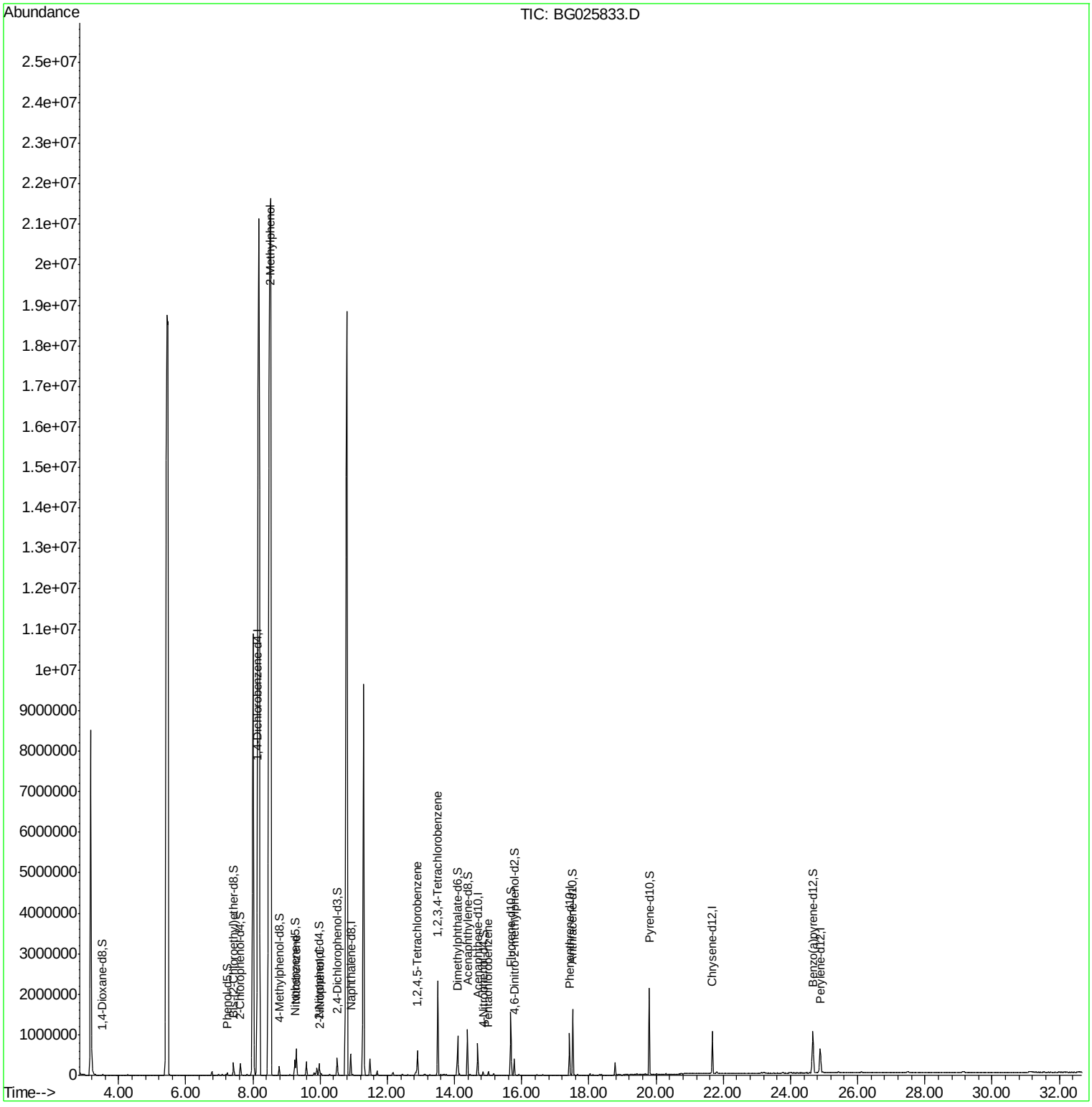
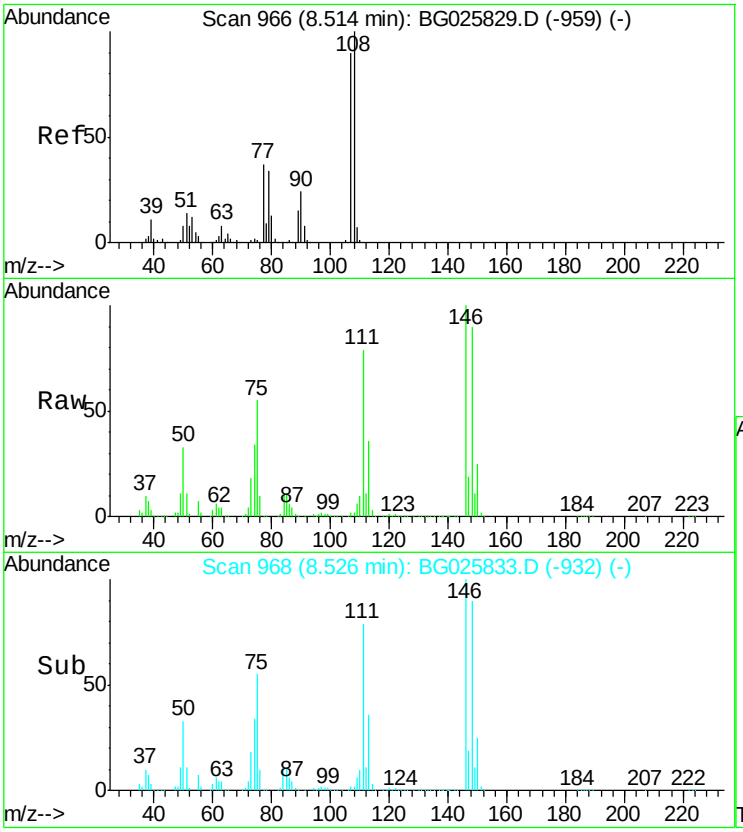


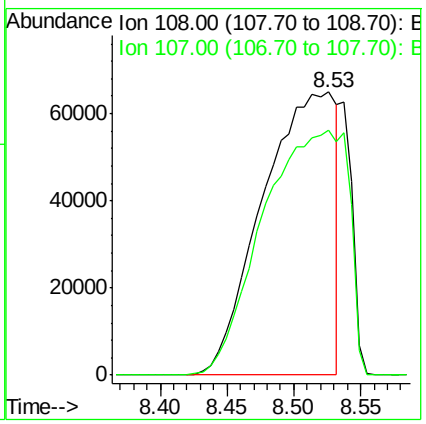


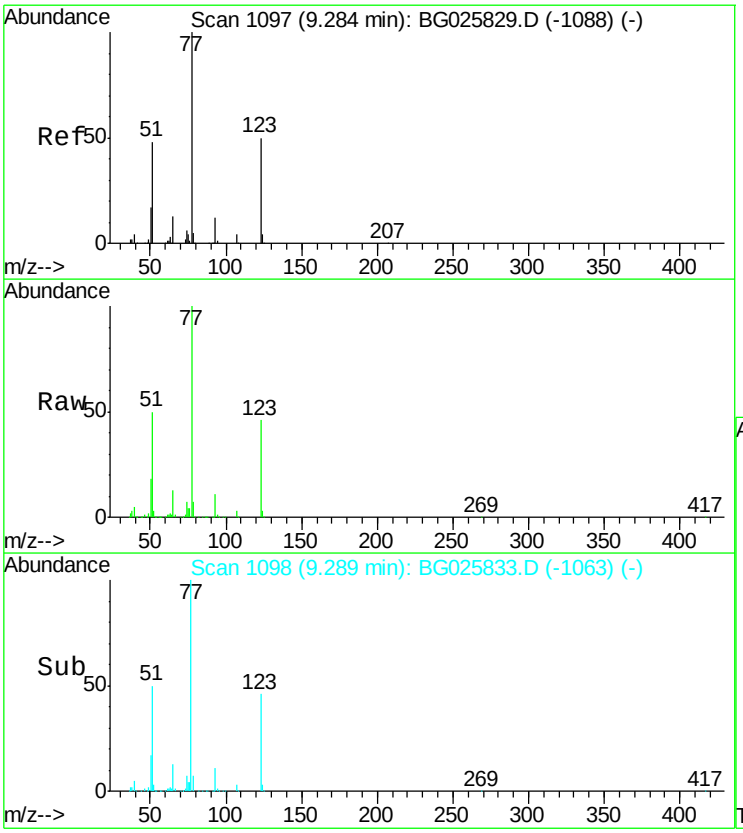
#11
2-Methylphenol
Concen: 37.20 ng/ul
RT: 8.53 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG025833.D
Acq: 10 Feb 2017 18:51

Instrument :
BNA_G
ClientSampleId :
C0AB6

Tgt Ion:108 Resp: 247265

Ion	Ratio	Lower	Upper
108	100		
107	86.6	72.4	108.6

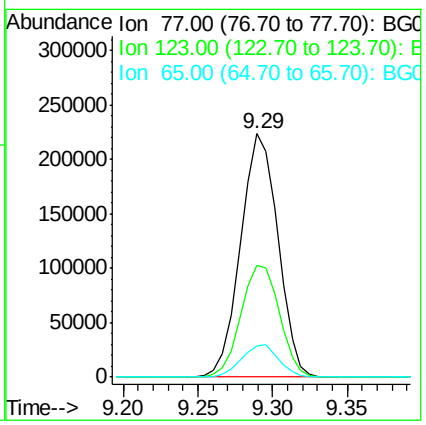


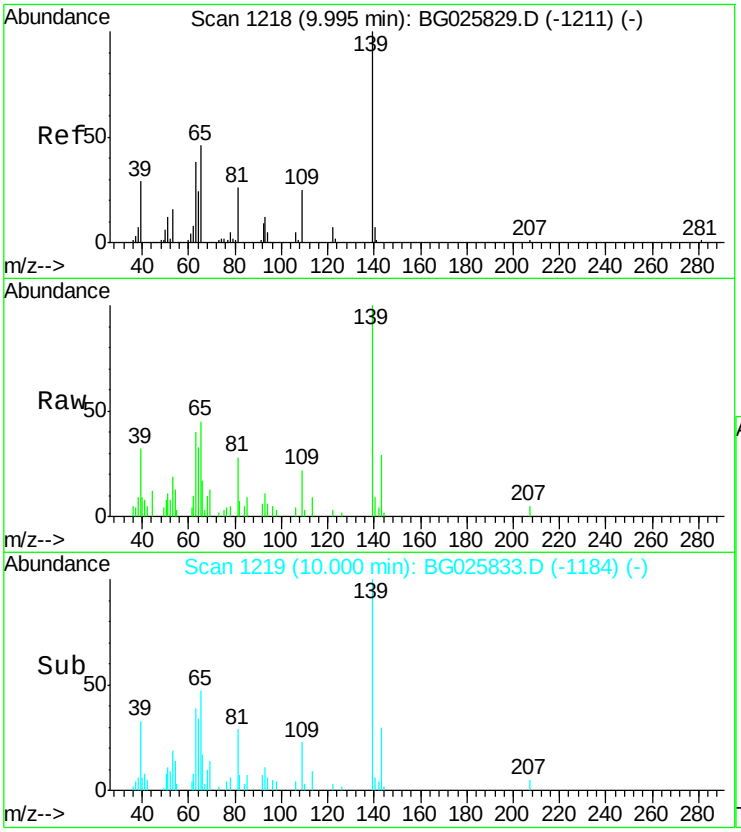


#20
Nitrobenzene
Concen: 57.67 ng/ul
RT: 9.29 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BG025833.D
Acq: 10 Feb 2017 18:51

Tgt Ion: 77 Resp: 384600

Ion	Ratio	Lower	Upper
77	100		
123	46.0	39.0	58.4
65	13.0	10.4	15.6



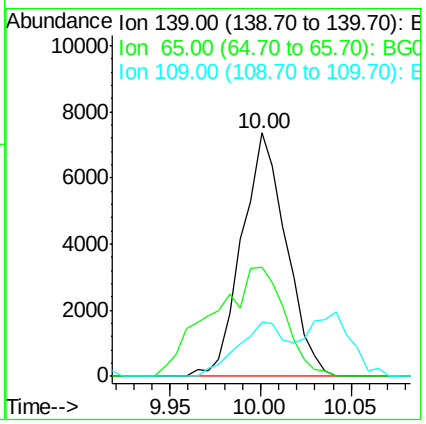


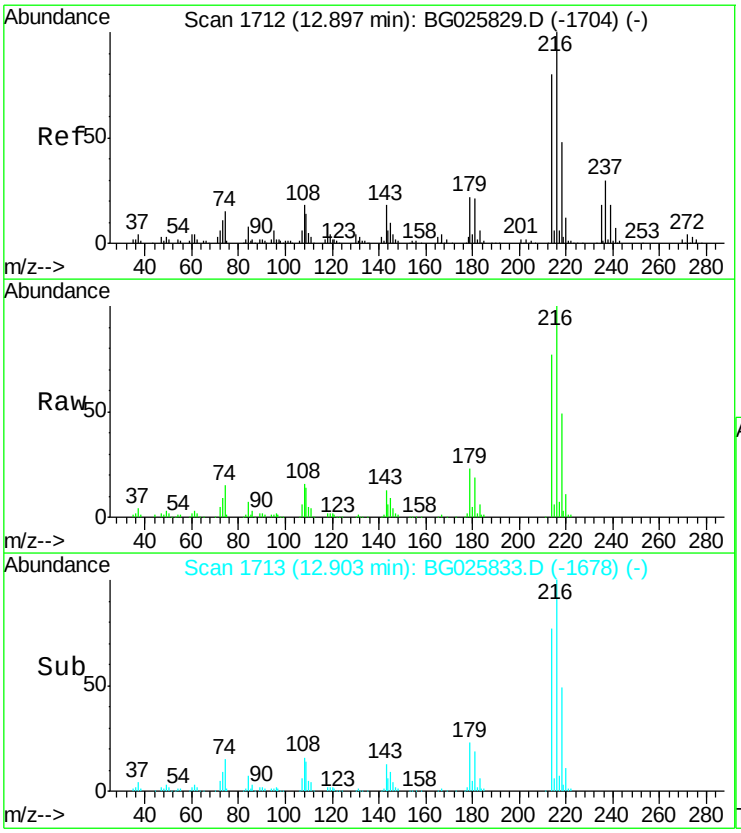
#23
2-Nitrophenol
Concen: 3.79 ng/ul
RT: 10.00 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BG025833.D
Acq: 10 Feb 2017 18:51

Instrument :
BNA_G
ClientSampleId :
C0AB6

Tgt Ion:139 Resp: 12500

Ion	Ratio	Lower	Upper
139	100		
65	45.1	36.3	54.5
109	22.4	26.4	39.6#

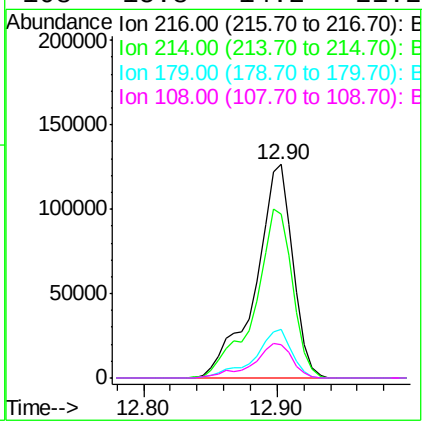


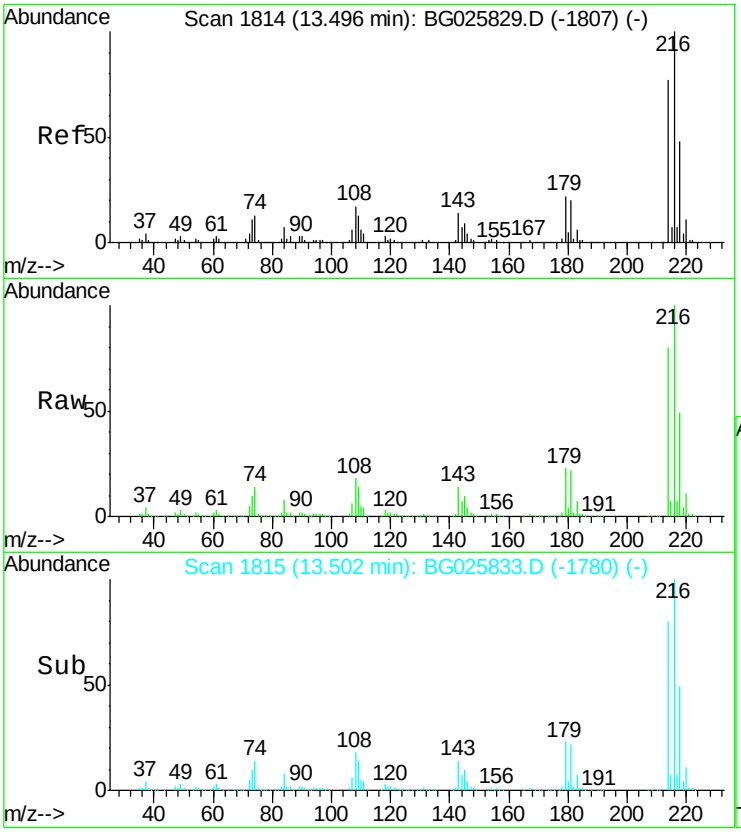


#36
1,2,4,5-Tetrachlorobenzene
Concen: 34.49 ng/ul
RT: 12.90 min Scan# 1713
Delta R.T. 0.01 min
Lab File: BG025833.D
Acq: 10 Feb 2017 18:51

Tgt Ion:216 Resp: 246119

Ion	Ratio	Lower	Upper
216	100		
214	76.9	62.5	93.7
179	22.7	18.2	27.2
108	15.8	14.2	21.2



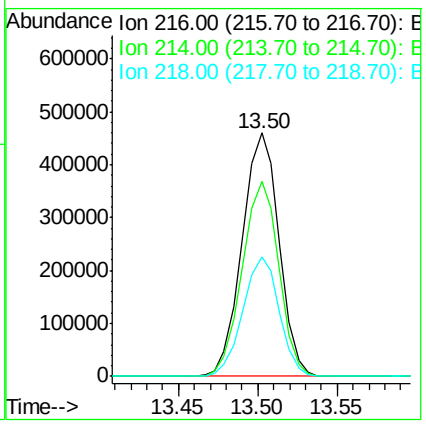


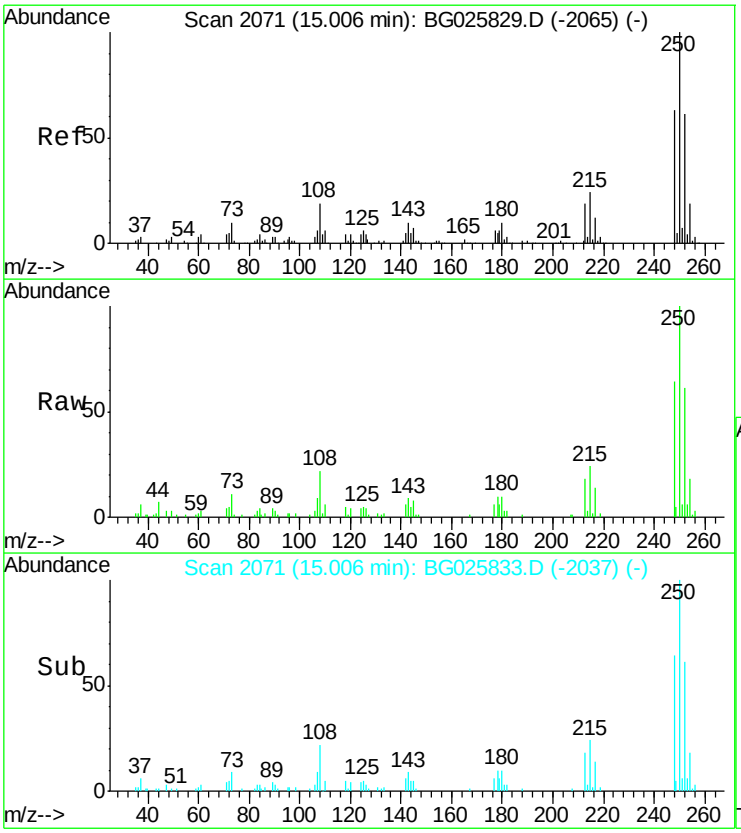
#72
1,2,3,4-Tetrachlorobenzene
Concen: 110.26 ng/uL
RT: 13.50 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BG025833.D
Acq: 10 Feb 2017 18:51

Instrument :
BNA_G
ClientSampleId :
C0AB6

Tgt Ion:216 Resp: 743403

Ion	Ratio	Lower	Upper
216	100		
214	80.1	62.5	93.7
218	49.2	38.4	57.6





#73
Pentachlorobenzene
Concen: 3.41 ng/uL
RT: 15.01 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG025833.D
Acq: 10 Feb 2017 18:51

Tgt Ion:250 Resp: 24124

Ion	Ratio	Lower	Upper
250	100		
248	64.1	50.6	75.8
252	60.6	51.4	77.0