Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
Data File : BG021436.D
Acq On : 17 Mar 2016 17:23
Operator : UM/SJ
Sample : H1785-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 18 04:04:23 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 04:03:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9961	20.00	ng/ul	0.01
18) Naphthalene-d8	10.90	136	43727	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	28653	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	66098	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	75103	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	73532	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.35	99	4693	4.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.41	67	15114	27.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	15786	22.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	9353	11.60	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	11362	34.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	12532	33.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	19085	28.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	229	0.26	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	79471	33.31	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	96022	32.65	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	1947	5.11	ng/ul	0.03
58) Fluorene-d10	15.68	176	70043	32.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	15399	35.26	ng/ul	0.00
71) Anthracene-d10	17.54	188	119229	36.81	ng/ul	0.00
79) Pyrene-d10	19.81	212	134279	38.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	144380	42.54	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.50	108	36673	47.86	ng/ul	100
20) Nitrobenzene	9.31	77	310811	335.43	ng/ul	94
23) 2-Nitrophenol	10.01	139	536	1.29	ng/ul#	71
32) Caprolactam	11.71	113	10233	39.14	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	19349	19.29	ng/ul	94
45) Dimethylphthalate	14.15	163	12553	5.06	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	61756	66.73	ng/uL	92
74) Pentachlorobenzene	15.01	250	2203	2.29	ng/uL	95

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

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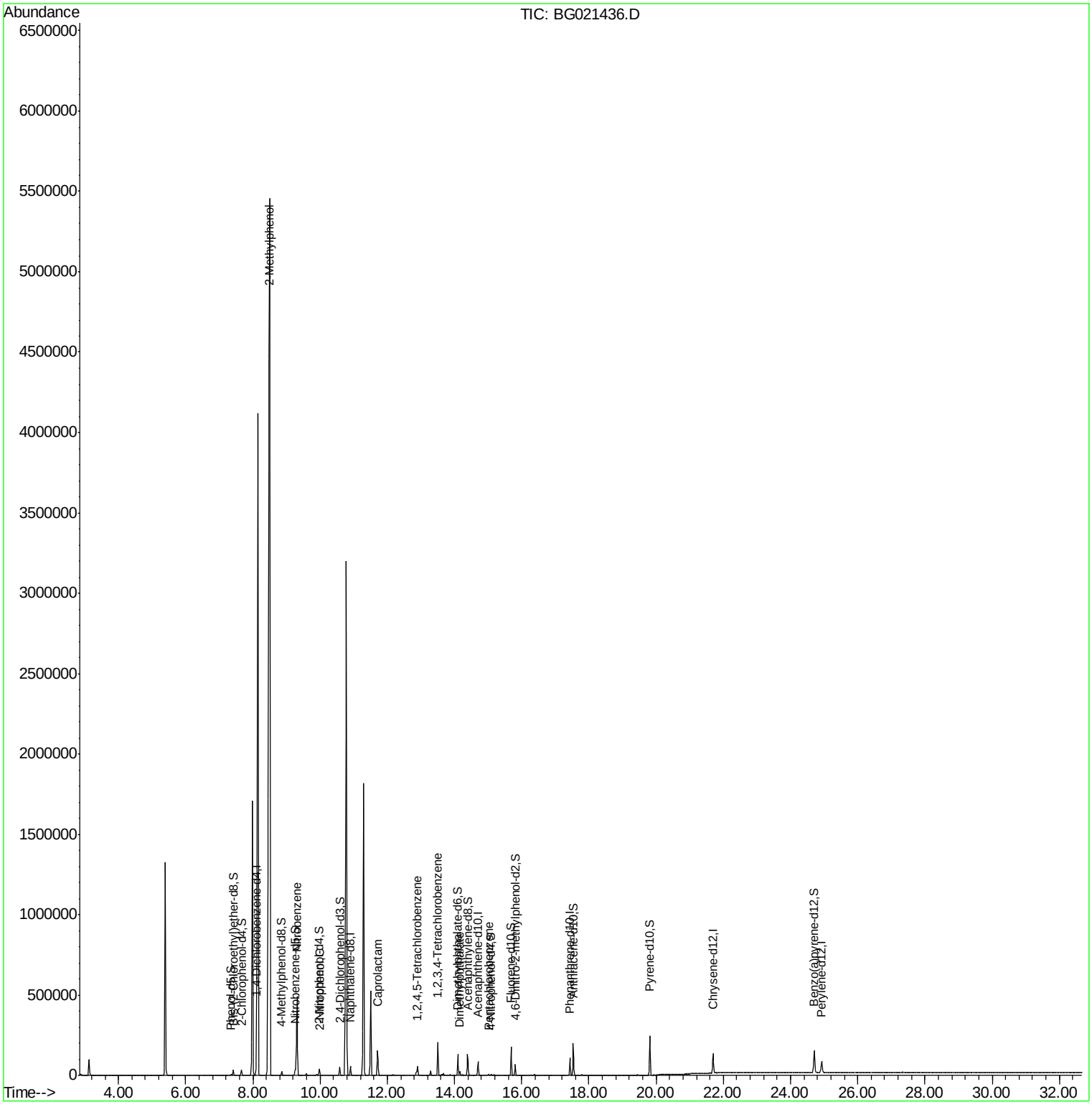
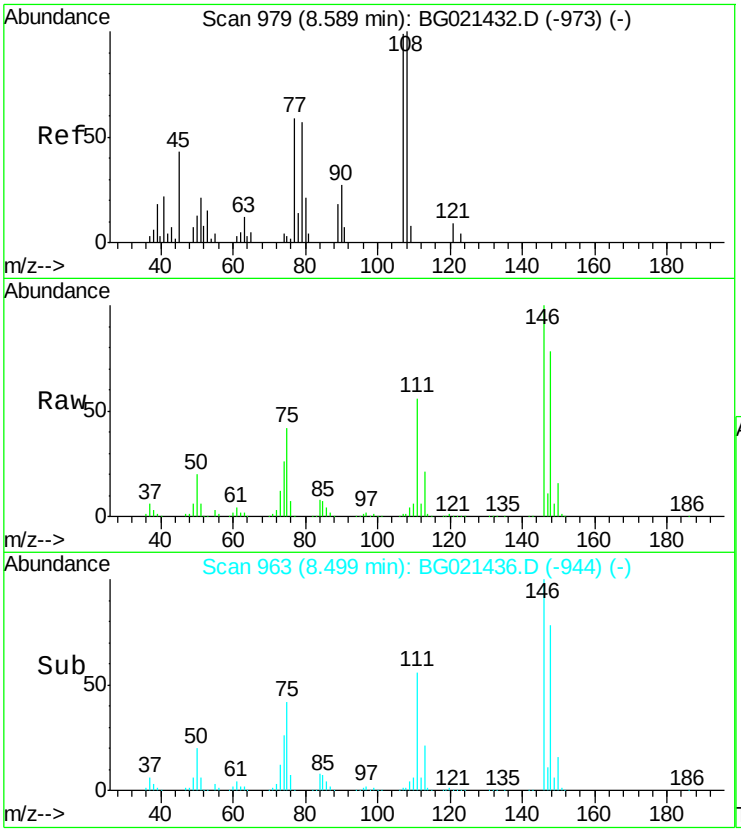


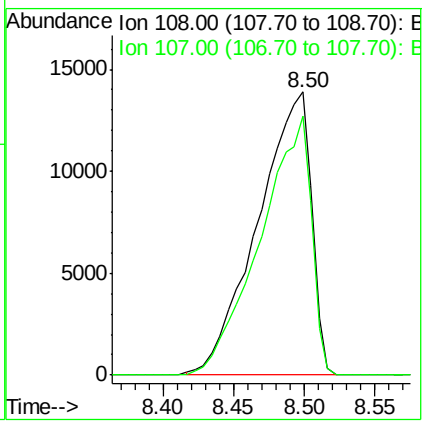


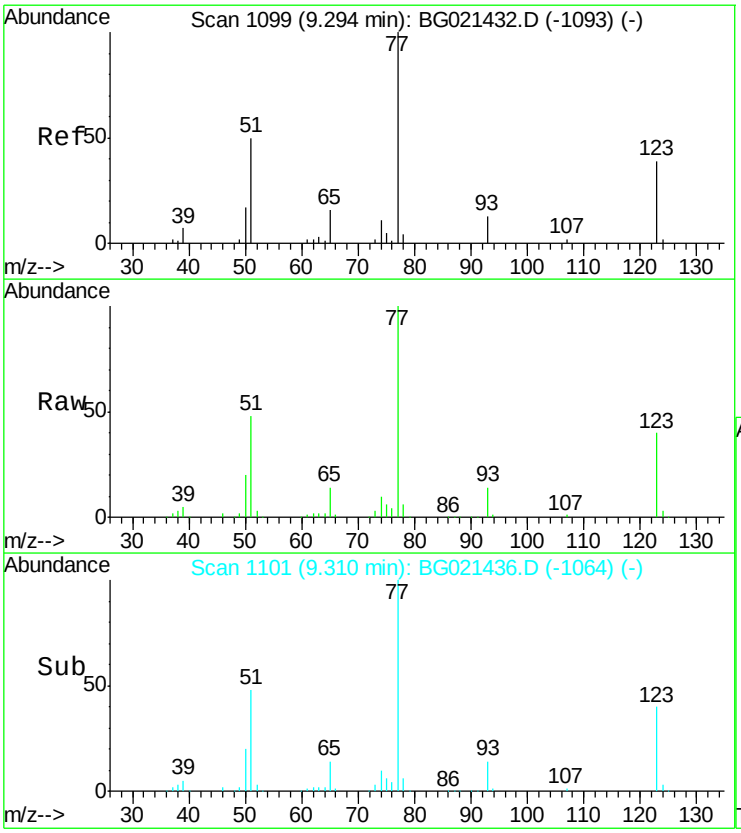
#11
2-Methylphenol
Concen: 47.86 ng/ul
RT: 8.50 min Scan# 963
Delta R.T. -0.09 min
Lab File: BG021436.D
Acq: 17 Mar 2016 17:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 36673

Ion	Ratio	Lower	Upper
108	100		
107	91.4	73.4	110.0

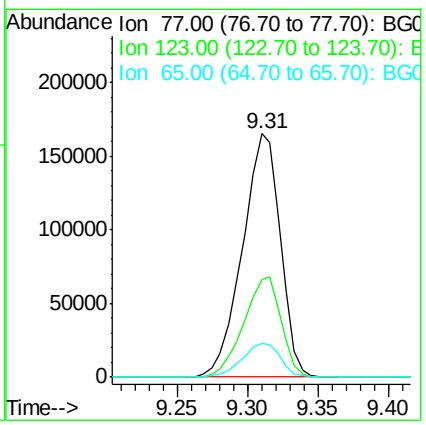


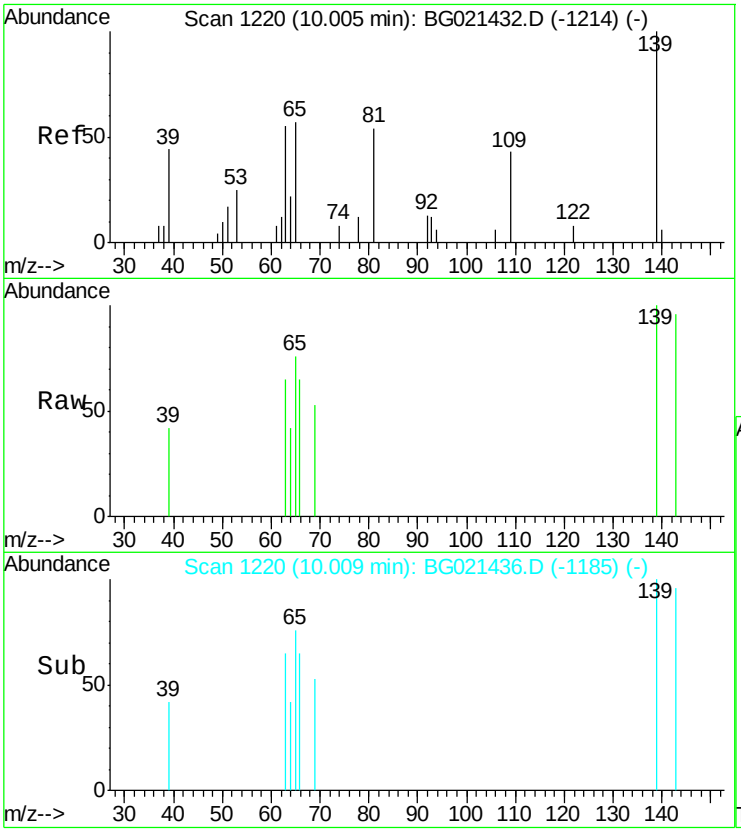


#20
Nitrobenzene
Concen: 335.43 ng/ul
RT: 9.31 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BG021436.D
Acq: 17 Mar 2016 17:23

Tgt Ion: 77 Resp: 310811

Ion	Ratio	Lower	Upper
77	100		
123	40.3	28.4	42.6
65	13.8	11.0	16.6



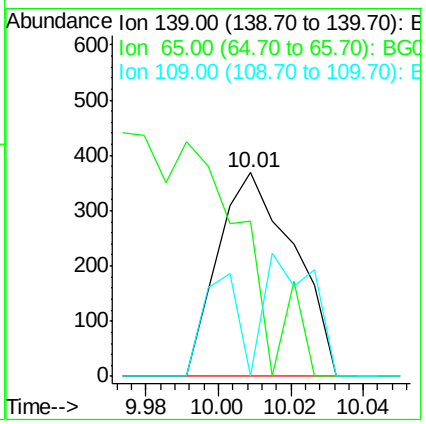


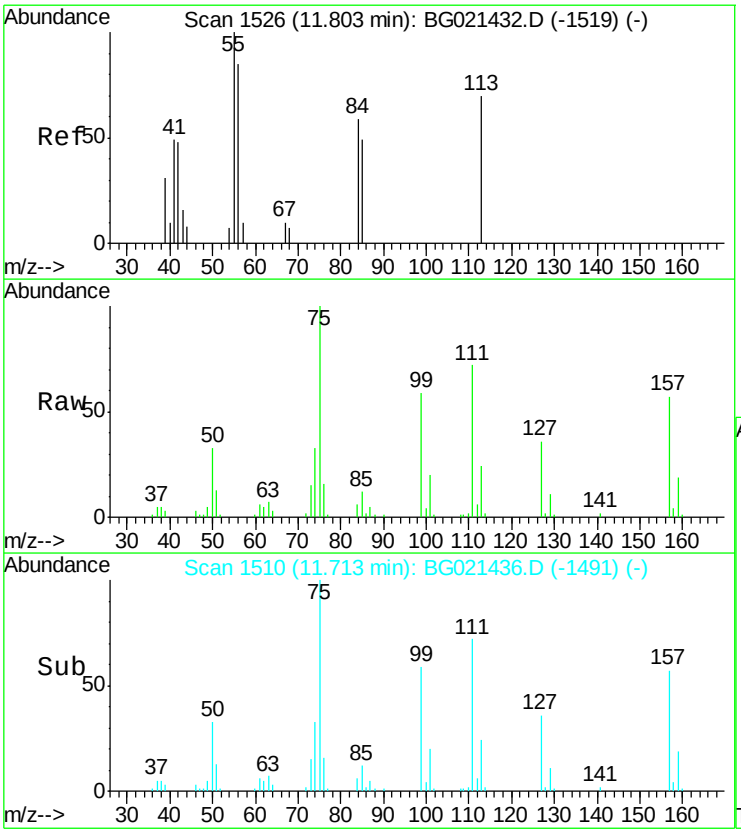
#23
2-Nitrophenol
Concen: 1.29 ng/ul
RT: 10.01 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BG021436.D
Acq: 17 Mar 2016 17:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 536

Ion	Ratio	Lower	Upper
139	100		
65	76.4	55.0	82.4
109	0.0	31.4	47.2#

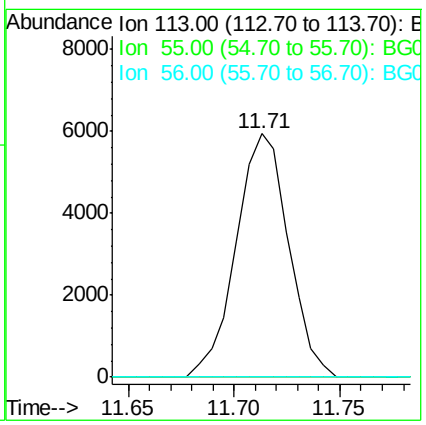


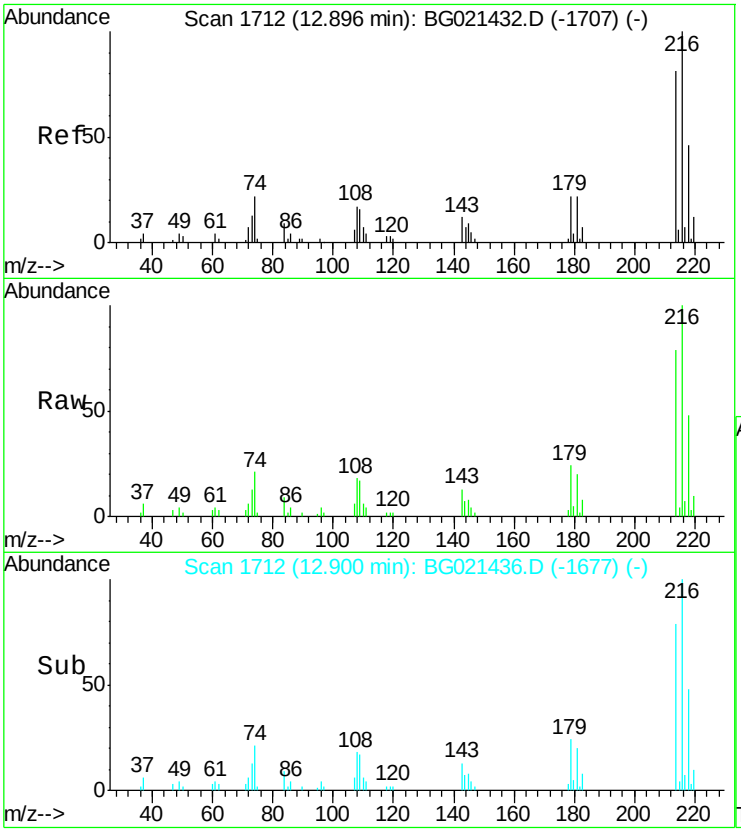


#32
Caprolactam
Concen: 39.14 ng/ul
RT: 11.71 min Scan# 1510
Delta R.T. -0.09 min
Lab File: BG021436.D
Acq: 17 Mar 2016 17:23

Tgt Ion:113 Resp: 10233

Ion	Ratio	Lower	Upper
113	100		
55	0.0	155.5	233.3#
56	0.0	105.7	158.5#



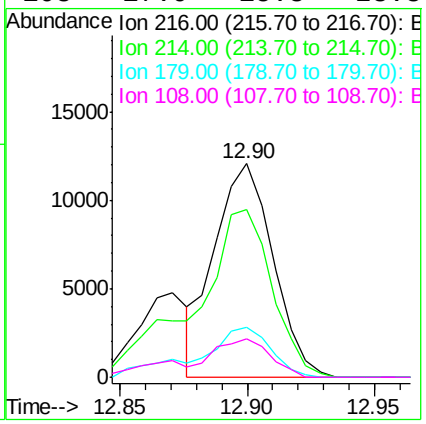


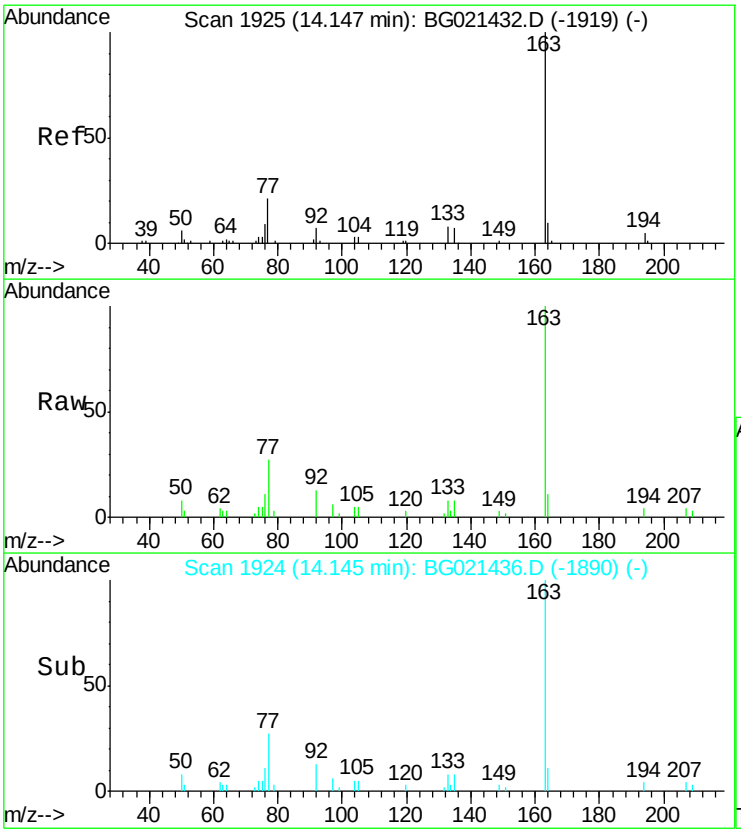
#37
1,2,4,5-Tetrachlorobenzene
Concen: 19.29 ng/ul
RT: 12.90 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BG021436.D
Acq: 17 Mar 2016 17:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:216 Resp: 19349

Ion	Ratio	Lower	Upper
216	100		
214	78.8	57.8	86.8
179	23.6	19.5	29.3
108	17.9	15.8	23.8

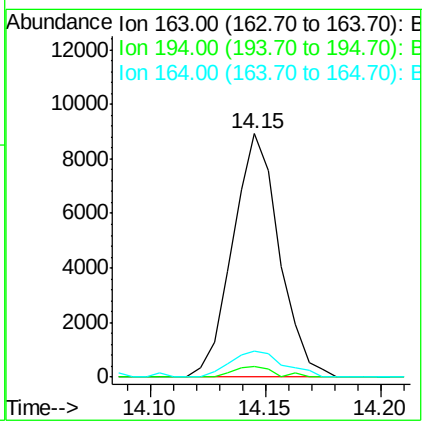


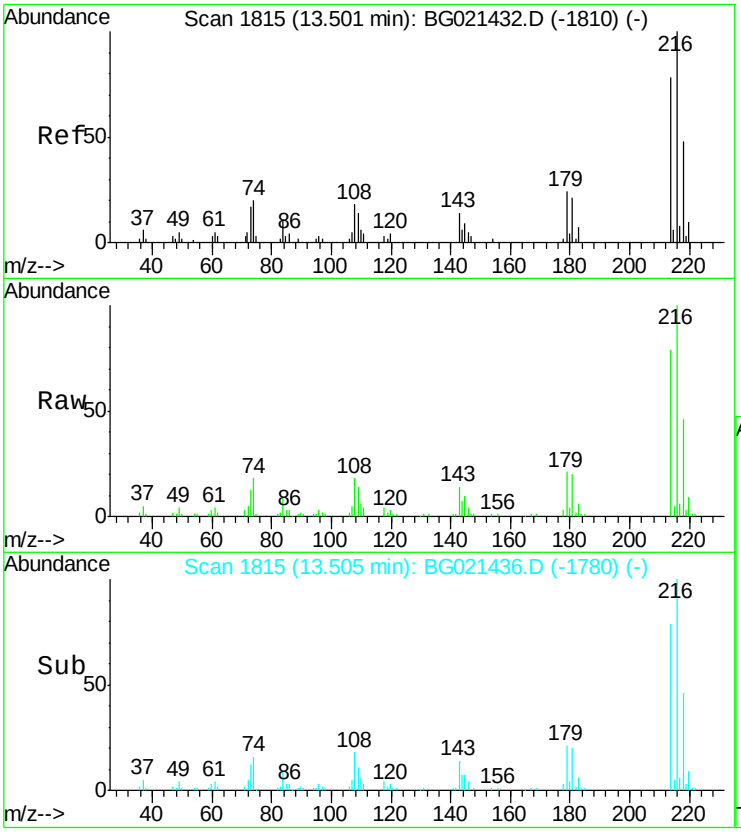


#45
Dimethylphthalate
Concen: 5.06 ng/ul
RT: 14.15 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BG021436.D
Acq: 17 Mar 2016 17:23

Tgt Ion:163 Resp: 12553

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.9	5.9
164	10.6	8.7	13.1



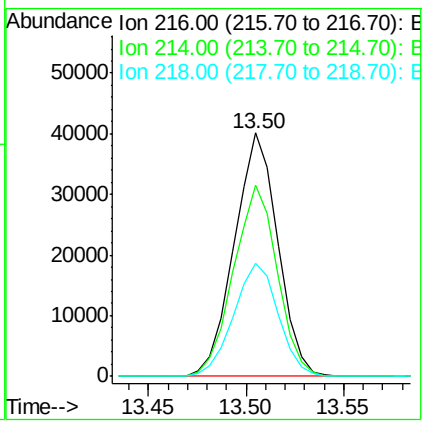


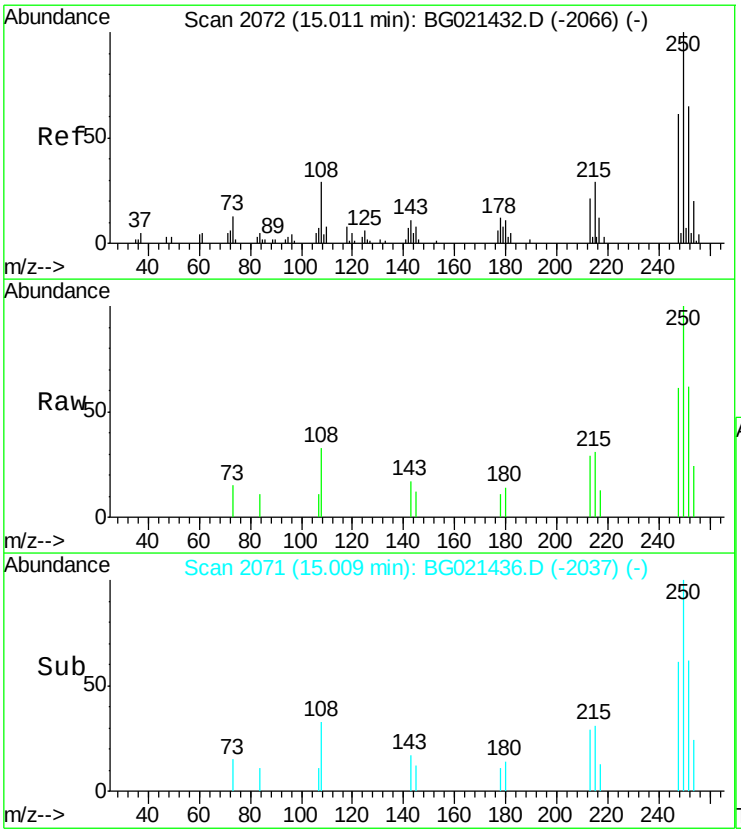
#73
1,2,3,4-Tetrachlorobenzene
Concen: 66.73 ng/uL
RT: 13.50 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BG021436.D
Acq: 17 Mar 2016 17:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:216 Resp: 61756

Ion	Ratio	Lower	Upper
216	100		
214	78.7	69.2	103.8
218	46.3	41.4	62.0





#74
Pentachlorobenzene
Concen: 2.29 ng/uL
RT: 15.01 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG021436.D
Acq: 17 Mar 2016 17:23

Tgt Ion:250 Resp: 2203

Ion	Ratio	Lower	Upper
250	100		
248	60.5	53.3	79.9
252	61.9	51.1	76.7