Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
Data File : BG021435.D
Acq On : 17 Mar 2016 16:44
Operator : UM/SJ
Sample : H1785-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 18 04:04:14 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	8.12	152	9992	20.00	ng/ul	0.03
18) Naphthalene-d8	10.92	136	38864	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	24857	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	60137	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	71189	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	68335	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	126	0.57	ng/uL	0.00
5) Phenol-d5	7.36	99	4655	4.93	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	14609	26.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	15525	21.64	ng/ul	0.01
13) 4-Methylphenol-d8	8.85	113	9669	11.95	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	10100	34.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	11255	33.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	18252	30.64	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	71679	34.63	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	88254	34.59	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	1711	5.17	ng/ul	0.02
58) Fluorene-d10	15.69	176	64596	34.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	13297	33.47	ng/ul	0.00
71) Anthracene-d10	17.53	188	109163	37.04	ng/ul	0.00
79) Pyrene-d10	19.81	212	127444	38.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	132196	41.92	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.50	108	37383	48.64	ng/ul	91
28) Naphthalene	10.96	128	2161	1.05	ng/ul#	69
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	30605	35.17	ng/ul	93
53) 4-Nitrophenol	15.19	109	473	1.38	ng/ul#	1
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	113028	134.23	ng/uL	92
74) Pentachlorobenzene	15.01	250	3031	3.47	ng/uL#	86

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

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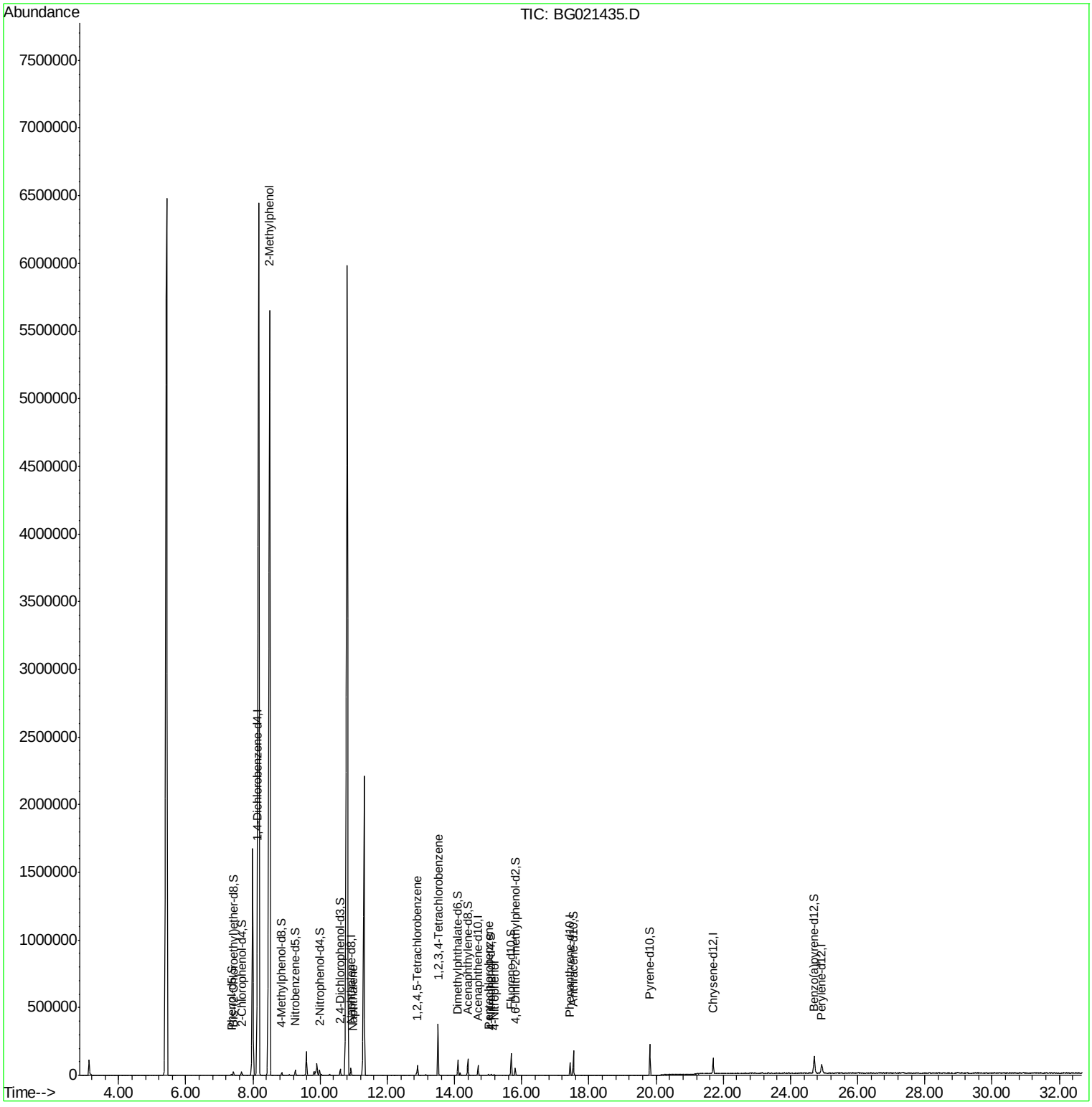
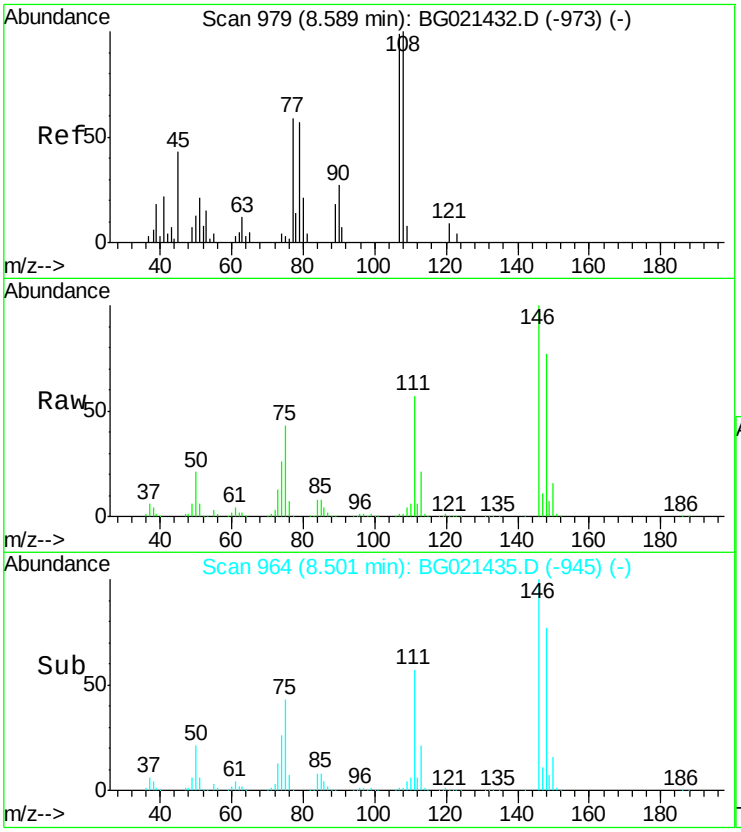


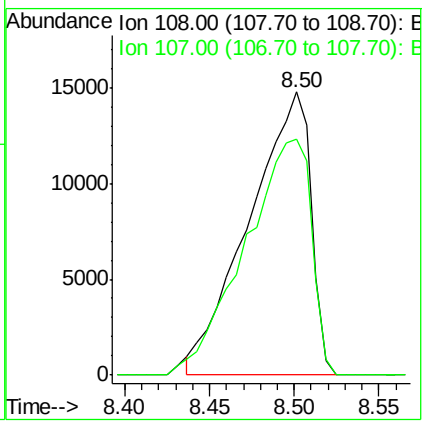


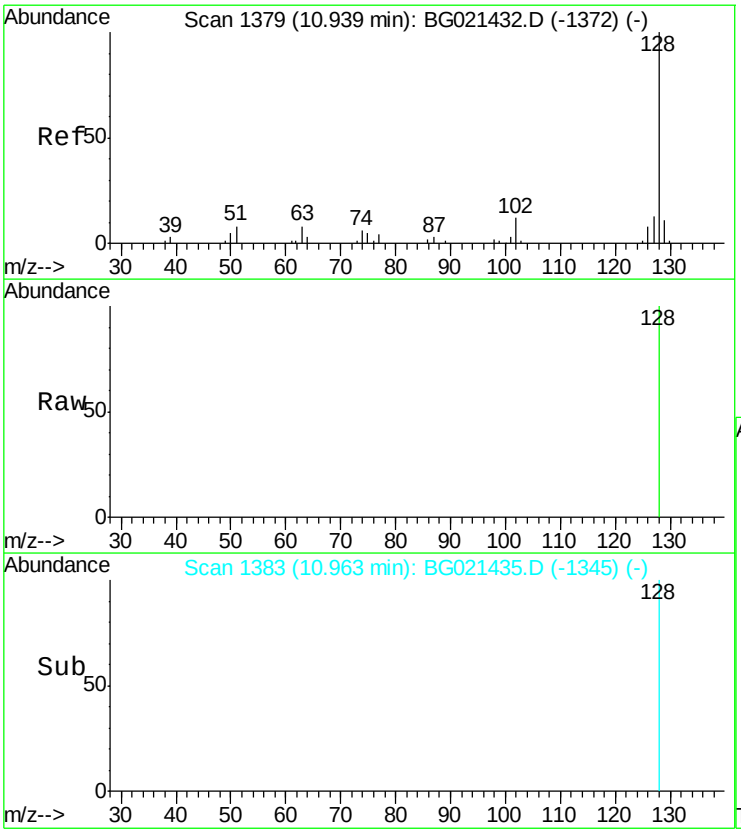
#11
2-Methylphenol
Concen: 48.64 ng/ul
RT: 8.50 min Scan# 964
Delta R.T. -0.09 min
Lab File: BG021435.D
Acq: 17 Mar 2016 16:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 37383

Ion	Ratio	Lower	Upper
108	100		
107	83.3	73.4	110.0

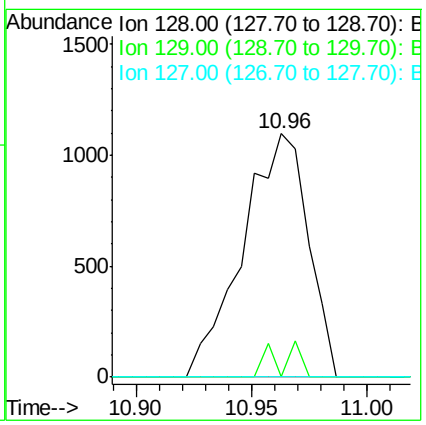


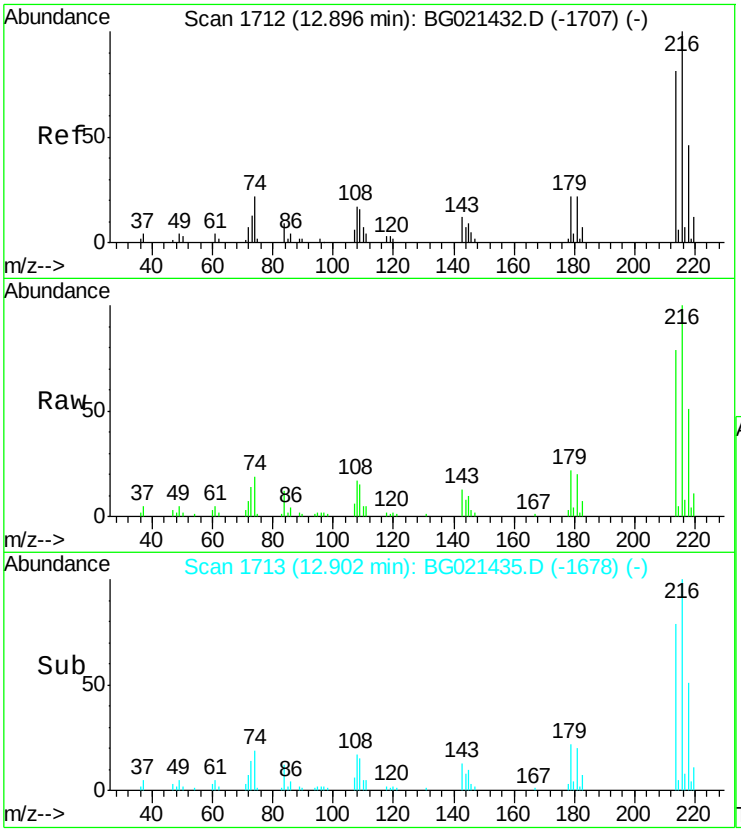


#28
Naphthalene
Concen: 1.05 ng/ul
RT: 10.96 min Scan# 1383
Delta R.T. 0.02 min
Lab File: BG021435.D
Acq: 17 Mar 2016 16:44

Tgt Ion:128 Resp: 2161

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.3	12.5#
127	0.0	10.8	16.2#



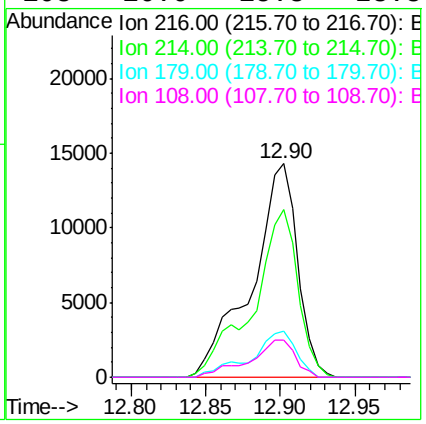


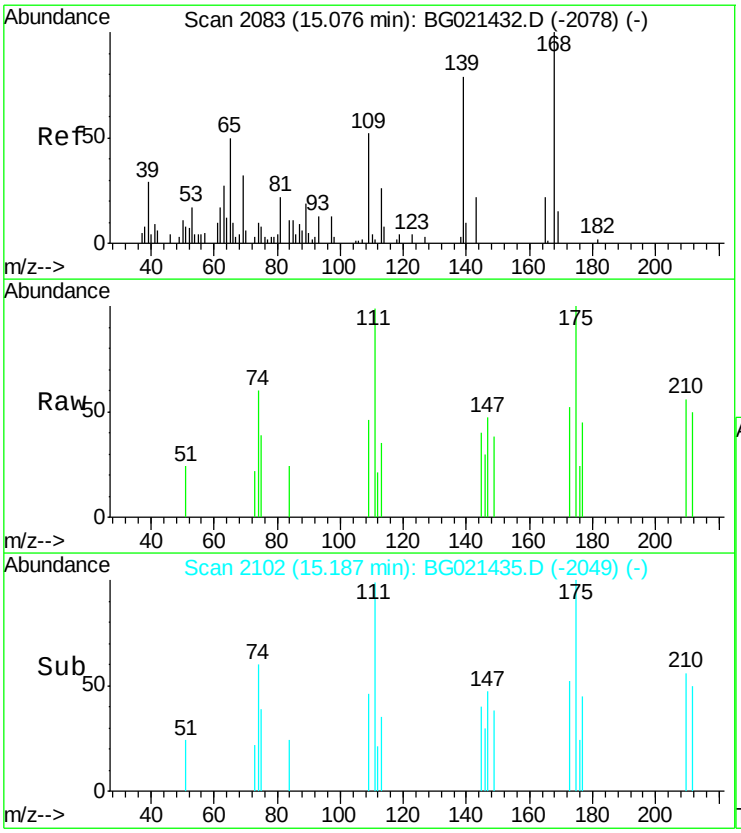
#37
1,2,4,5-Tetrachlorobenzene
Concen: 35.17 ng/ul
RT: 12.90 min Scan# 1713
Delta R.T. 0.01 min
Lab File: BG021435.D
Acq: 17 Mar 2016 16:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:216 Resp: 30605

Ion	Ratio	Lower	Upper
216	100		
214	78.1	57.8	86.8
179	20.3	19.5	29.3
108	16.0	15.8	23.8

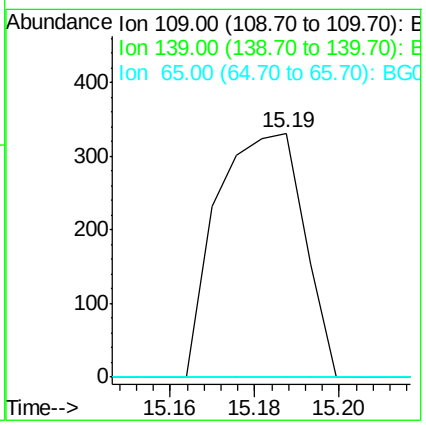


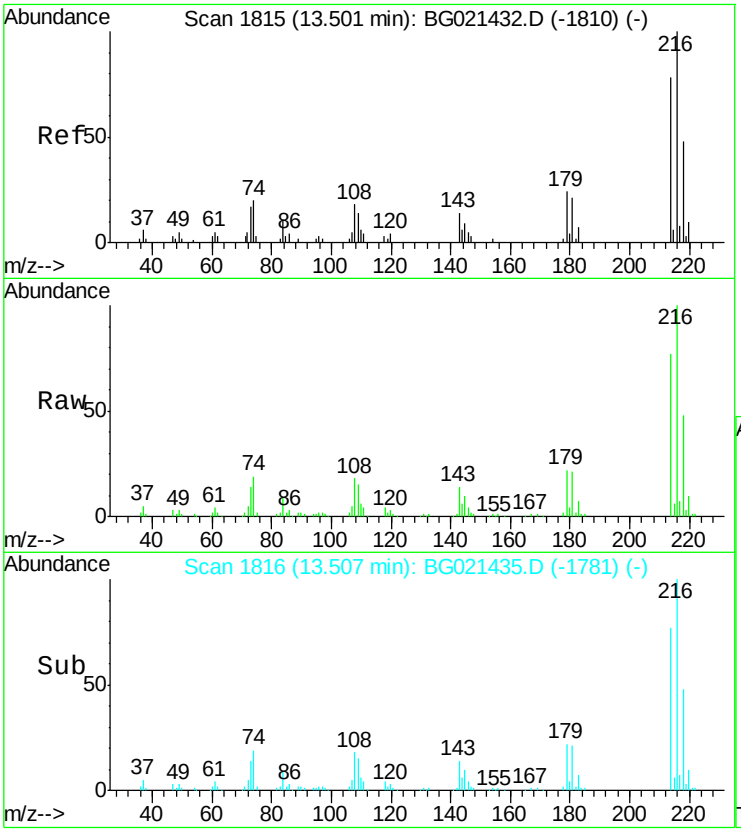


#53
4-Nitrophenol
Concen: 1.38 ng/ul
RT: 15.19 min Scan# 2102
Delta R.T. 0.11 min
Lab File: BG021435.D
Acq: 17 Mar 2016 16:44

Tgt Ion:109 Resp: 473

Ion	Ratio	Lower	Upper
109	100		
139	0.0	75.9	113.9#
65	0.0	99.8	149.8#



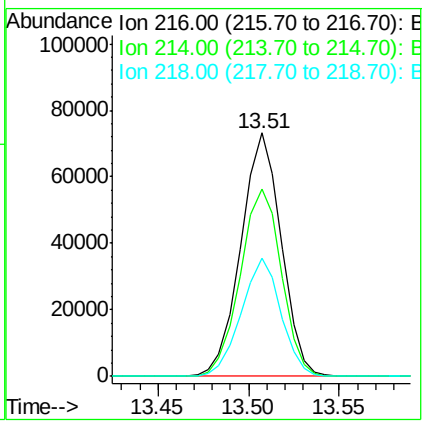


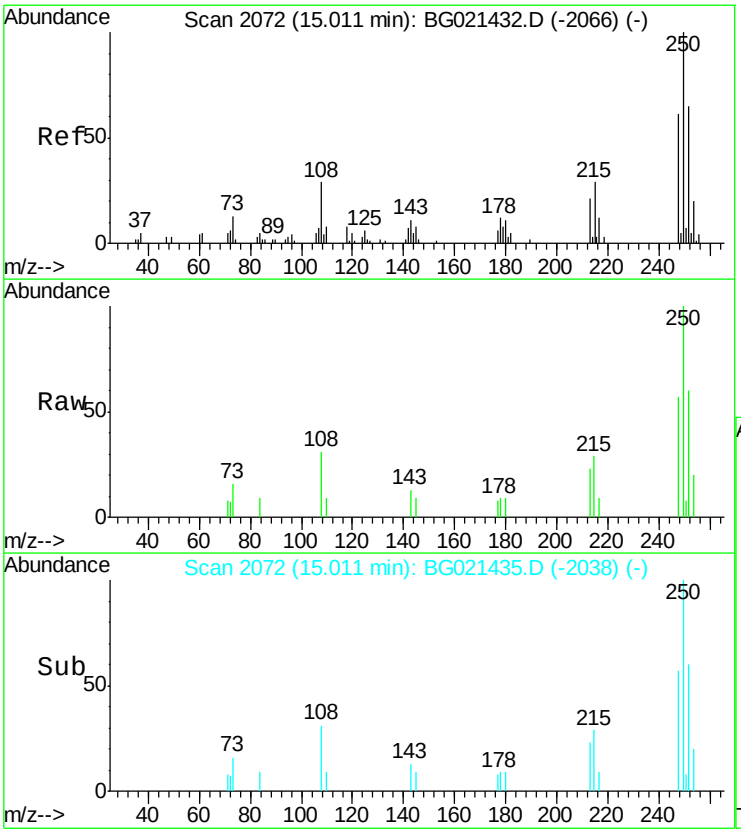
#73
1,2,3,4-Tetrachlorobenzene
Concen: 134.23 ng/uL
RT: 13.51 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BG021435.D
Acq: 17 Mar 2016 16:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:216 Resp: 113028

Ion	Ratio	Lower	Upper
216	100		
214	77.0	69.2	103.8
218	48.5	41.4	62.0





#74
Pentachlorobenzene
Concen: 3.47 ng/uL
RT: 15.01 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG021435.D
Acq: 17 Mar 2016 16:44

Tgt Ion:250 Resp: 3031

Ion	Ratio	Lower	Upper
250	100		
248	52.6	53.3	79.9#
252	55.1	51.1	76.7