Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
Data File : BG021438.D
Acq On : 17 Mar 2016 18:43
Operator : UM/SJ
Sample : H1785-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC5

Manual Integrations APPROVED
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3/18/2016 11:58:52 AM

Quant Time: Mar 18 04:31:34 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	8.18	152	16470m	20.00	ng/ul	0.09
18) Naphthalene-d8	10.91	136	43850	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	27309	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	66038	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	77204	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	75369	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	115	0.31	ng/uL	0.00
5) Phenol-d5	7.36	99	5475	3.52	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16176	17.54	ng/ul	0.04
9) 2-Chlorophenol-d4	7.67	132	17032	14.40	ng/ul	0.02
13) 4-Methylphenol-d8	8.87	113	10161m	7.62	ng/ul	0.02
19) Nitrobenzene-d5	9.27	128	11205	34.06	ng/ul	0.02
22) 2-Nitrophenol-d4	9.98	143	12775	33.97	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.58	165	20270	30.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1101	1.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	78609	34.57	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	95436	34.05	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	1933	5.32	ng/ul	0.02
58) Fluorene-d10	15.69	176	70345	34.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	14010	32.11	ng/ul	0.00
71) Anthracene-d10	17.54	188	118166	36.51	ng/ul	0.00
79) Pyrene-d10	19.81	212	136725	37.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	141694	40.73	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.39	94	3465	2.10	ng/ul	98
10) 2-Chlorophenol	7.70	128	8938	7.35	ng/ul	98
20) Nitrobenzene	9.31	77	5977	6.43	ng/ul	98
28) Naphthalene	10.92	128	17061	7.34	ng/ul#	75
30) 4-Chloroaniline	11.02	127	31352	33.99	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	3091	3.23	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.37	232	1031	2.30	ng/ul#	76
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	4304	4.65	ng/uL	91

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

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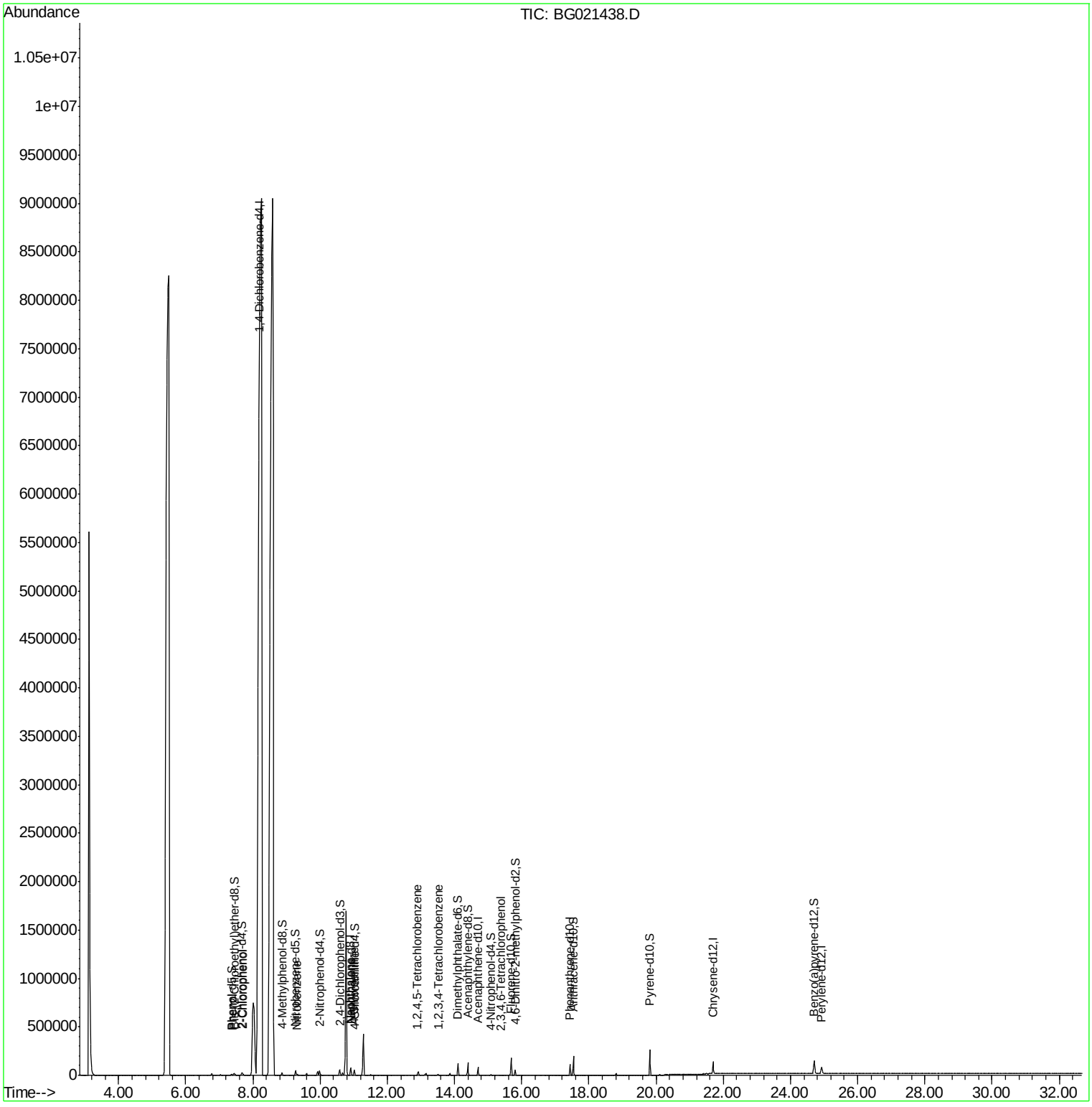
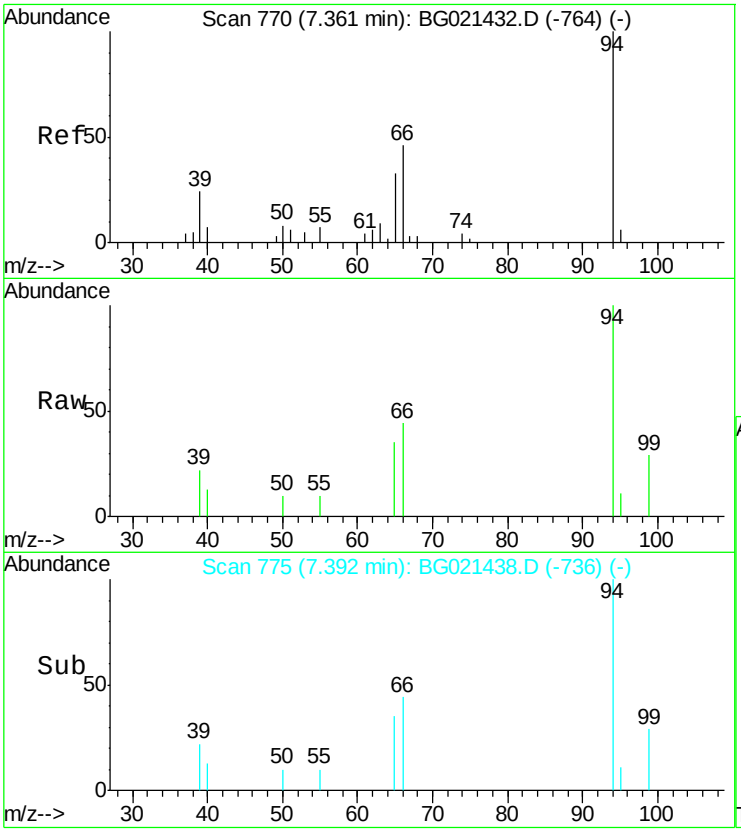
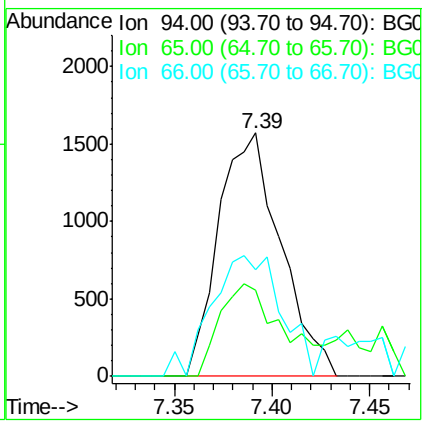




#6
Phenol
Concen: 2.10 ng/ul
RT: 7.39 min Scan# 775
Delta R.T. 0.03 min
Lab File: BG021438.D
Acq: 17 Mar 2016 18:43

Tgt Ion: 94 Resp: 3465

Ion	Ratio	Lower	Upper
94	100		
65	35.3	26.1	39.1
66	43.8	35.0	52.4



Instrument :
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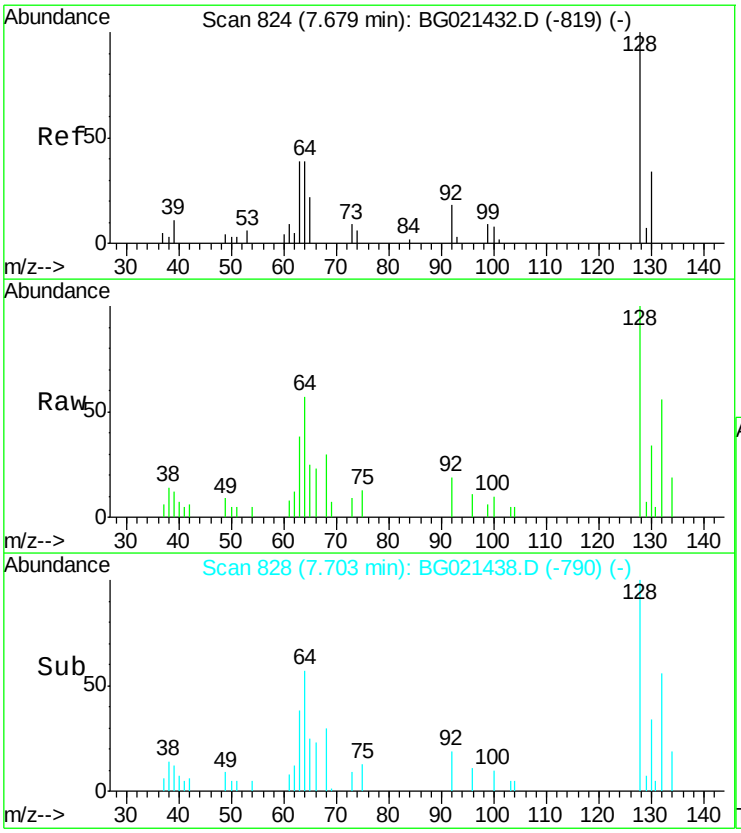
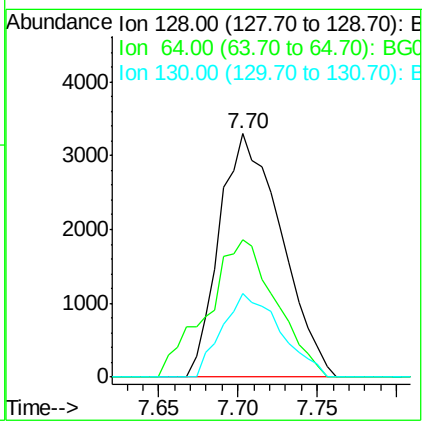
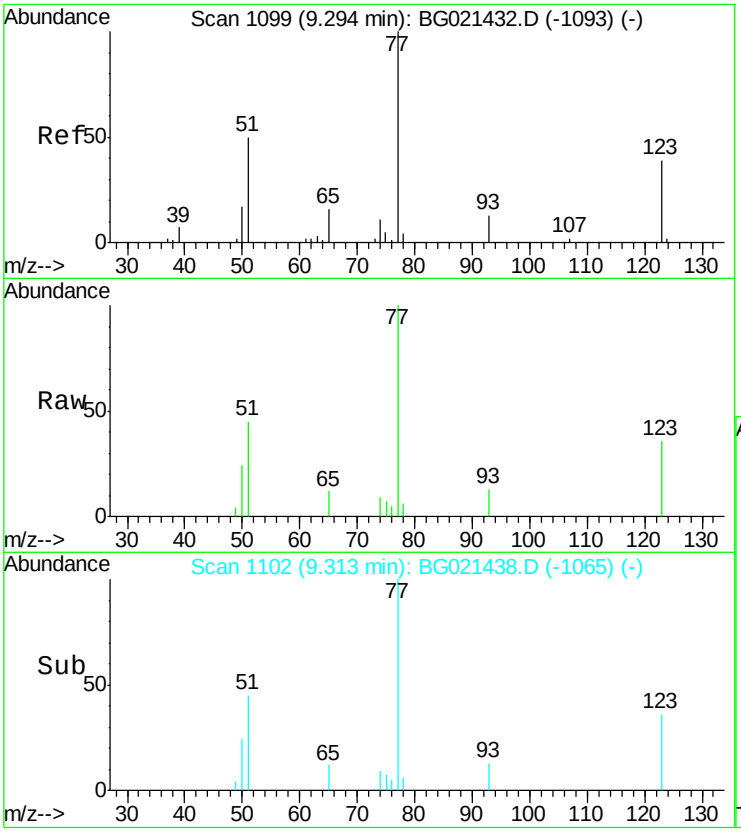


#10
2-Chlorophenol
Concen: 7.35 ng/ul
RT: 7.70 min Scan# 828
Delta R.T. 0.02 min
Lab File: BG021438.D
Acq: 17 Mar 2016 18:43

Tgt Ion:128 Resp: 8938

Ion	Ratio	Lower	Upper
128	100		
64	56.5	47.0	70.6
130	34.1	27.8	41.6

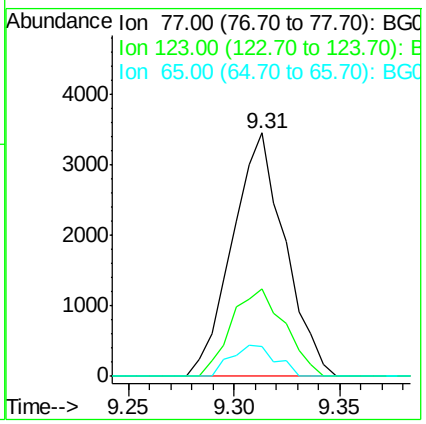




#20
Nitrobenzene
Concen: 6.43 ng/ul
RT: 9.31 min Scan# 1102
Delta R.T. 0.02 min
Lab File: BG021438.D
Acq: 17 Mar 2016 18:43

Tgt Ion: 77 Resp: 5977

Ion	Ratio	Lower	Upper
77	100		
123	36.1	28.4	42.6
65	12.3	11.0	16.6



Instrument :
BNA_G
ClientSampleId :
C0AC5

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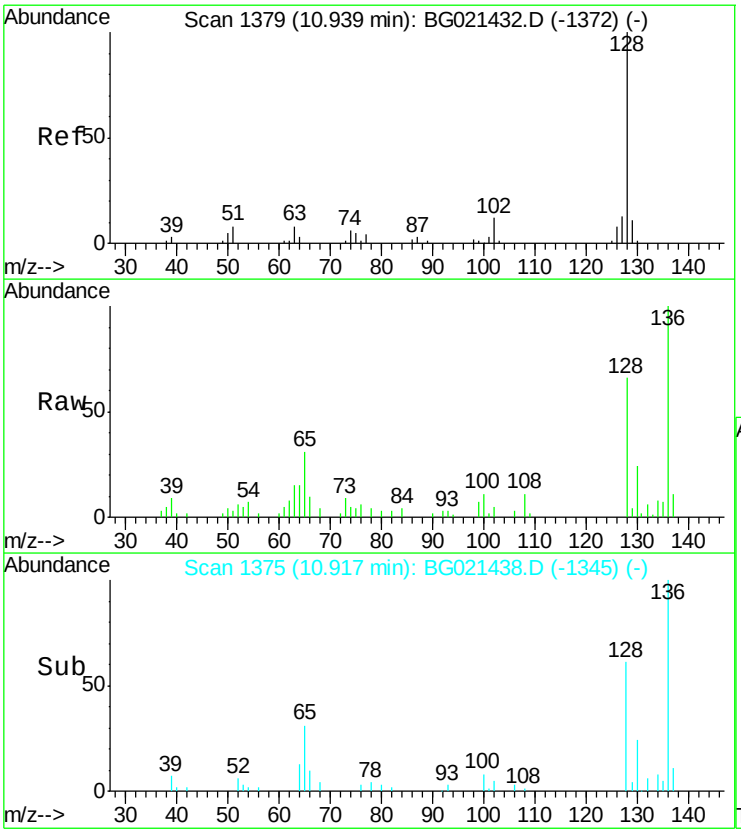
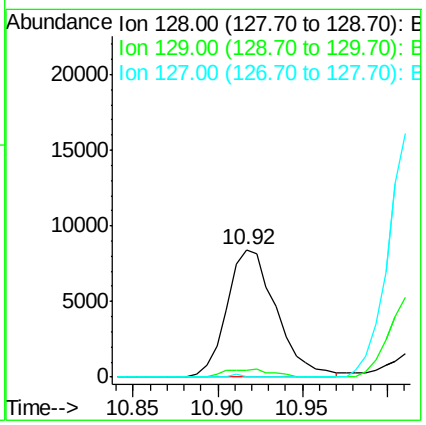
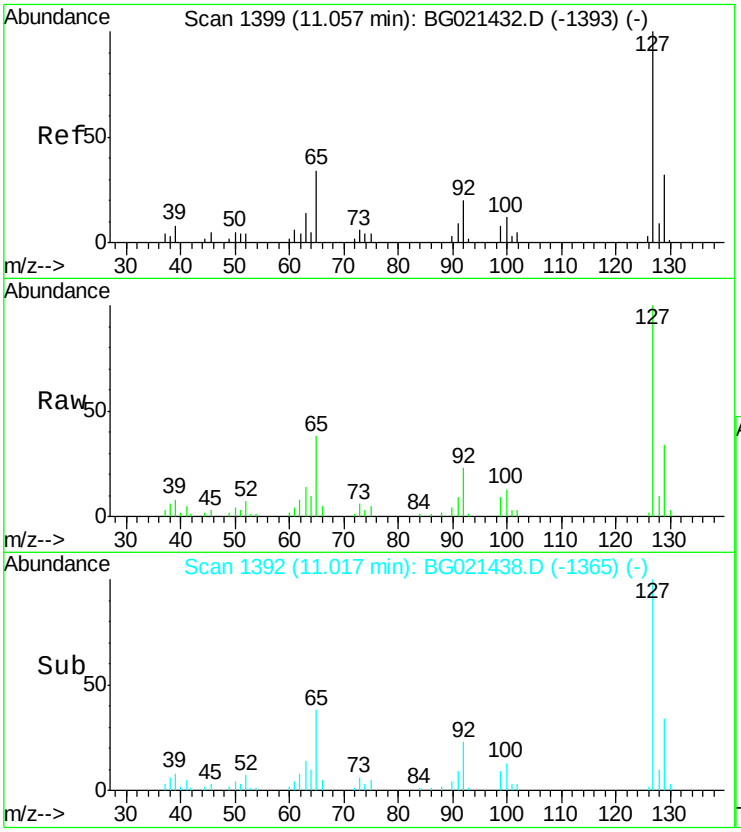


#28
Naphthalene
Concen: 7.34 ng/ul
RT: 10.92 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG021438.D
Acq: 17 Mar 2016 18:43

Tgt Ion:128 Resp: 17061

Ion	Ratio	Lower	Upper
128	100		
129	5.6	8.3	12.5#
127	0.0	10.8	16.2#





#30
4-Chloroaniline
Concen: 33.99 ng/ul
RT: 11.02 min Scan# 1392
Delta R.T. -0.04 min
Lab File: BG021438.D
Acq: 17 Mar 2016 18:43

Tgt Ion:127 Resp: 31352

Ion	Ratio	Lower	Upper
127	100		
129	33.6	24.8	37.2

Instrument :
BNA_G
ClientSampleId :
C0AC5

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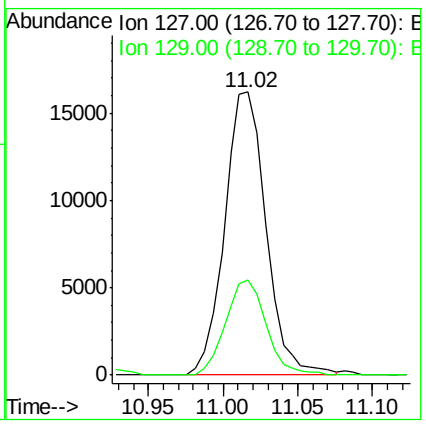
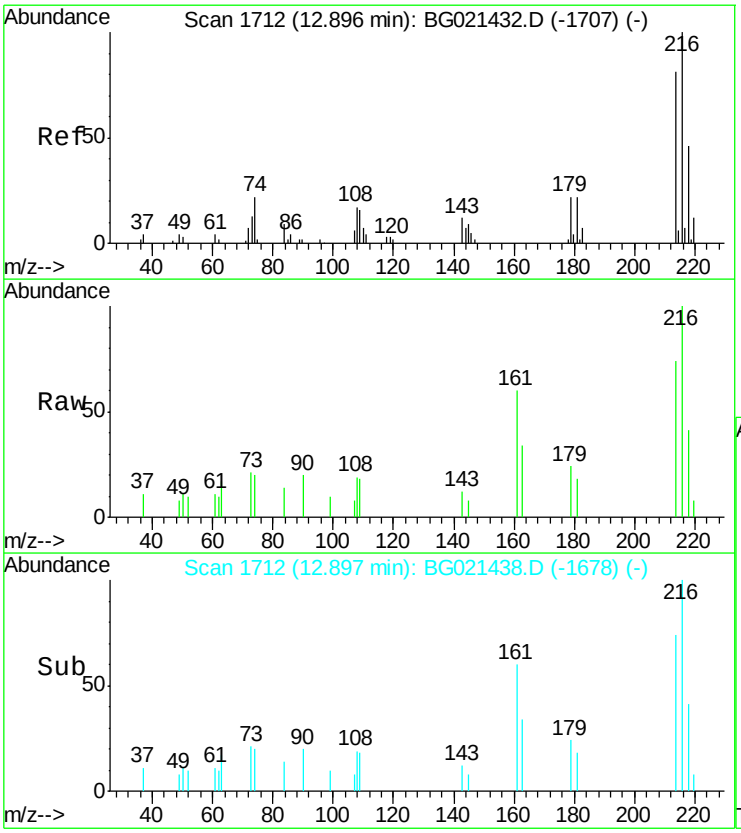
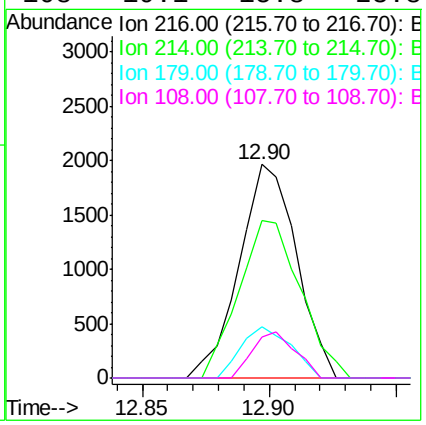


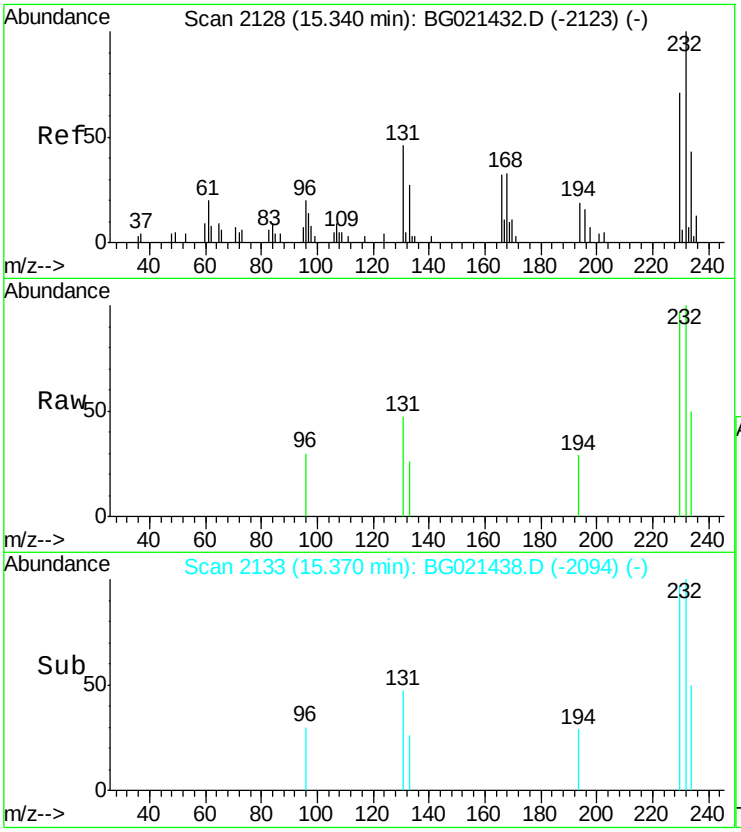


#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.23 ng/ul
RT: 12.90 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BG021438.D
Acq: 17 Mar 2016 18:43

Tgt Ion:216 Resp: 3091

Ion	Ratio	Lower	Upper
216	100		
214	73.9	57.8	86.8
179	24.2	19.5	29.3
108	19.1	15.8	23.8

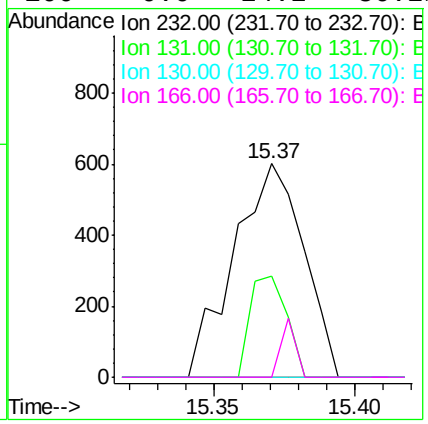




#56
2,3,4,6-Tetrachlorophenol
Concen: 2.30 ng/ul
RT: 15.37 min Scan# 2133
Delta R.T. 0.03 min
Lab File: BG021438.D
Acq: 17 Mar 2016 18:43

Tgt Ion:232 Resp: 1031

Ion	Ratio	Lower	Upper
232	100		
131	47.4	42.2	63.2
130	0.0	2.6	3.8#
166	0.0	24.2	36.2#



Instrument :
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ClientSampleId :
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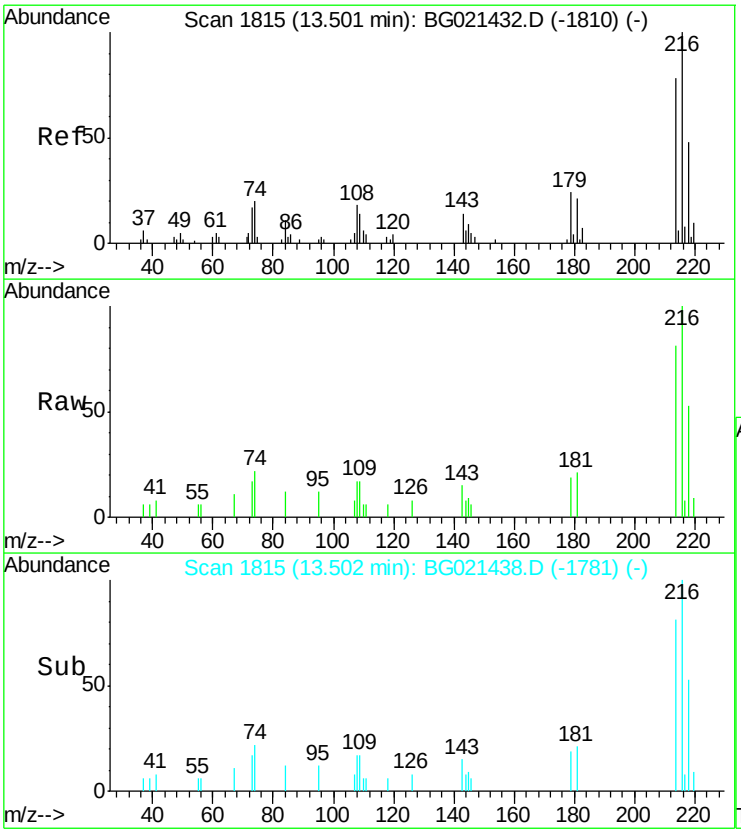

#73
1,2,3,4-Tetrachlorobenzene
Concen: 4.65 ng/uL
RT: 13.50 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BG021438.D
Acq: 17 Mar 2016 18:43

Tgt Ion:216 Resp: 4304

Ion	Ratio	Lower	Upper
216	100		
214	74.9	69.2	103.8
218	49.0	41.4	62.0