Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
Data File : BG026173.D
Acq On : 10 Mar 2017 14:46
Operator : SJ/MA
Sample : I2180-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BH0

Quant Time: Mar 11 01:13:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 23:28:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	112283	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	466534	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	275132	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	670100	20.00	ng/ul	0.00
77) Chrysene-d12	21.65	240	728145	20.00	ng/ul	0.00
85) Perylene-d12	24.84	264	708059	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	8923	3.42	ng/uL	0.00
5) Phenol-d5	7.22	99	48703	5.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	162193	30.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	164845	24.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	97916	15.01	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	124644	36.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	104728	37.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	205454	33.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	3021	0.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	754421	42.15	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	1003984	41.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	17626	5.00	ng/ul	0.00
57) Fluorene-d10	15.65	176	744173	42.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	89968	28.61	ng/ul	0.00
70) Anthracene-d10	17.50	188	1175954	38.67	ng/ul	0.00
78) Pyrene-d10	19.77	212	1326372	44.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.62	264	1217001	38.99	ng/ul	0.00
Target Compounds						Qvalue
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	347720	44.71	ng/ul	97
40) 1,1'-Biphenyl	13.49	154	27224	1.35	ng/ul#	91
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	3629478	452.72	ng/uL	90
73) Pentachlorobenzene	14.99	250	304123	37.00	ng/uL	98

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

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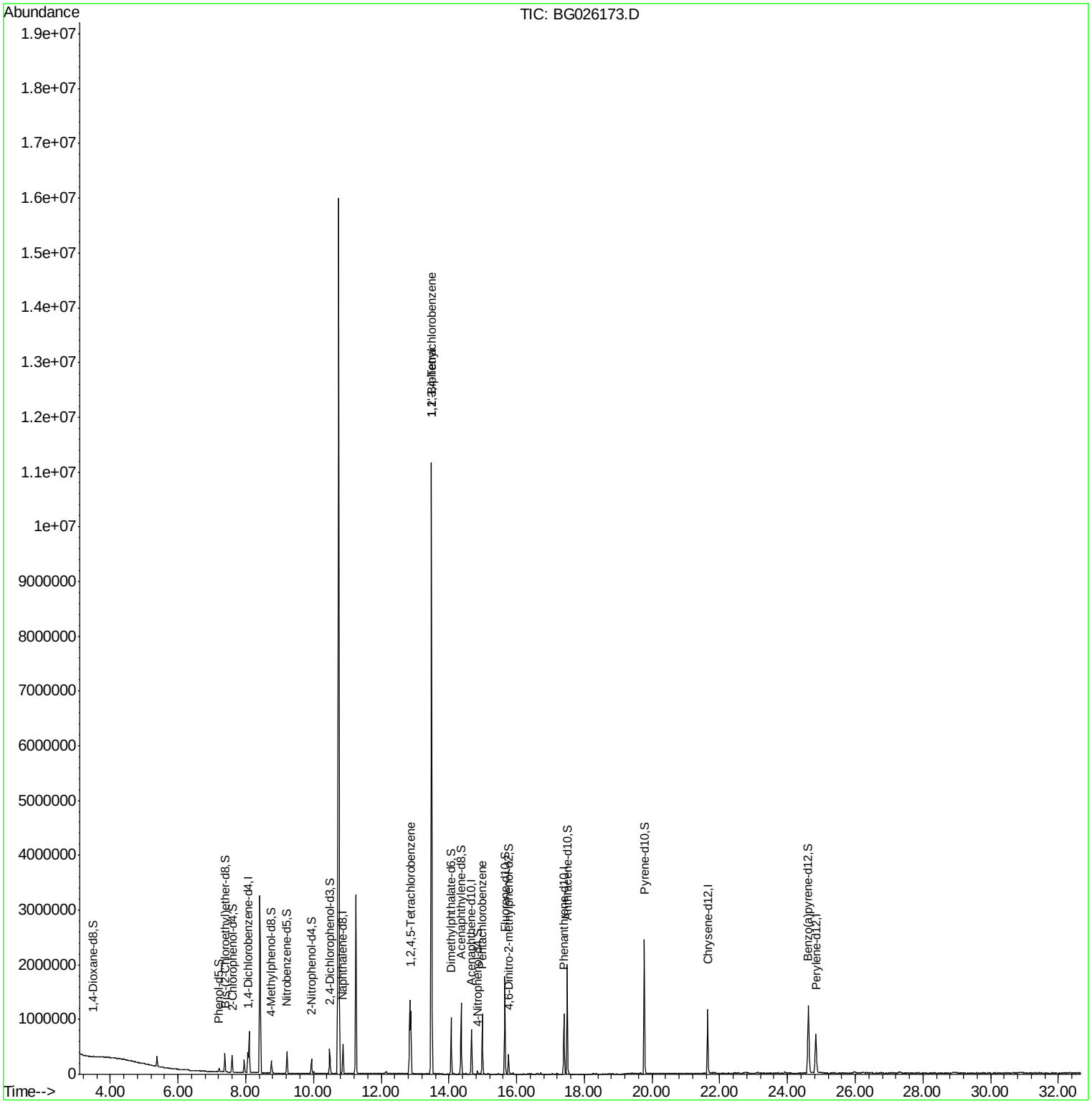
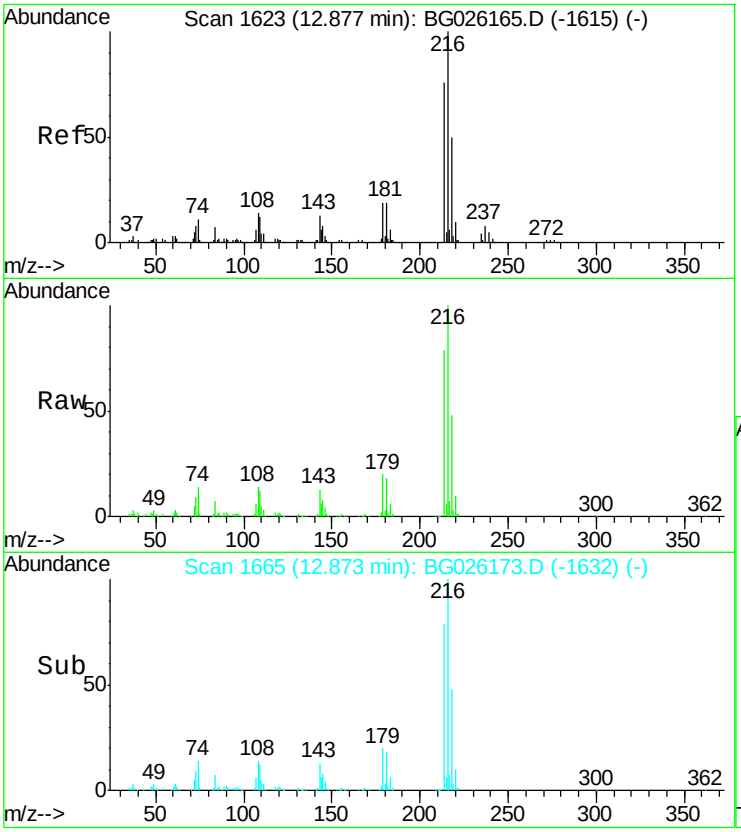


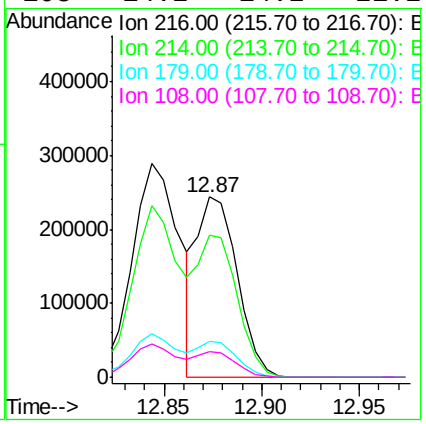


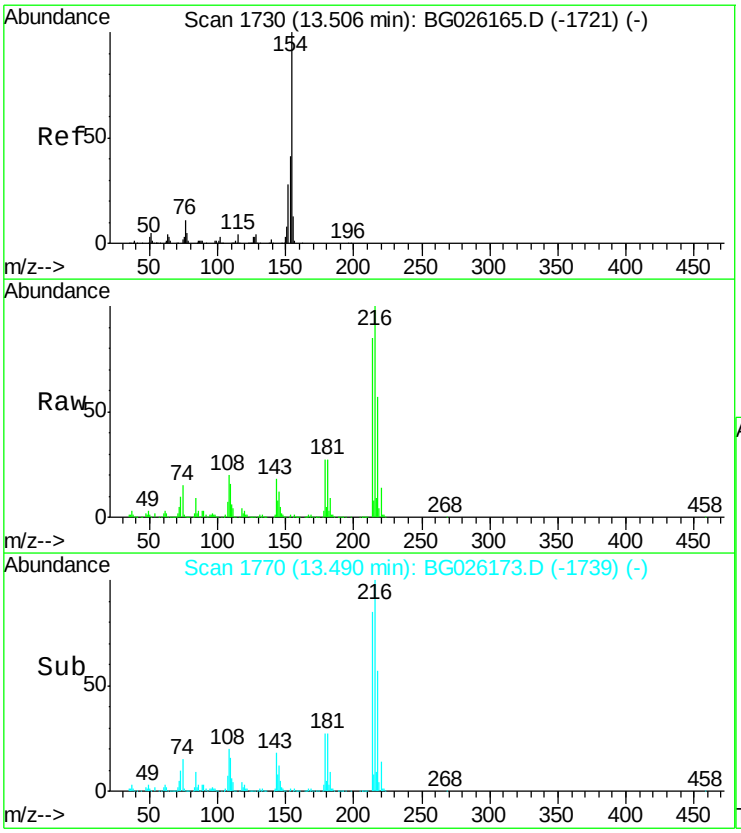
#36
1,2,4,5-Tetrachlorobenzene
Concen: 44.71 ng/ul
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG026173.D
Acq: 10 Mar 2017 14:46

Instrument :
BNA_G
ClientSampleId :
C0BH0

Tgt Ion:216 Resp: 347720

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.5	93.7
179	20.1	18.2	27.2
108	14.2	14.2	21.2

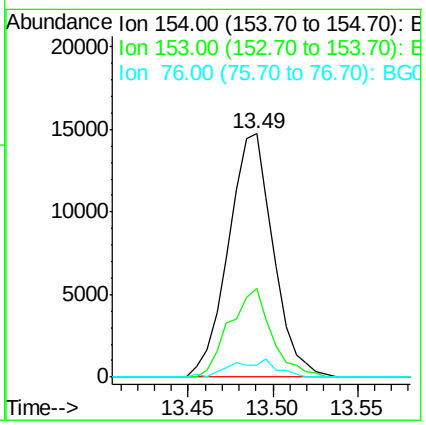


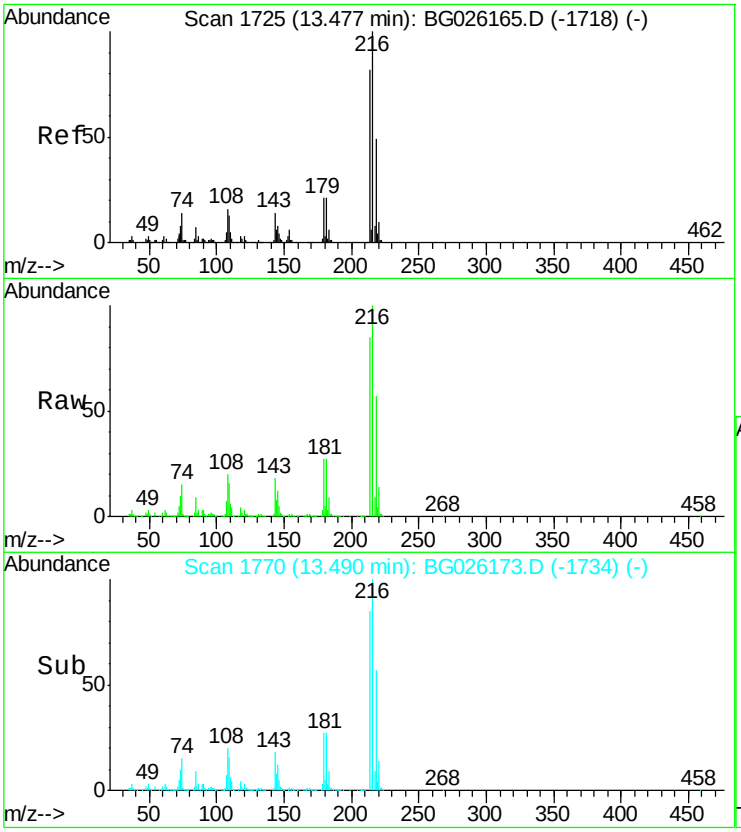


#40
1,1'-Biphenyl
Concen: 1.35 ng/ul
RT: 13.49 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BG026173.D
Acq: 10 Mar 2017 14:46

Tgt Ion:154 Resp: 27224

Ion	Ratio	Lower	Upper
154	100		
153	36.4	32.1	48.1
76	5.2	9.5	14.3#



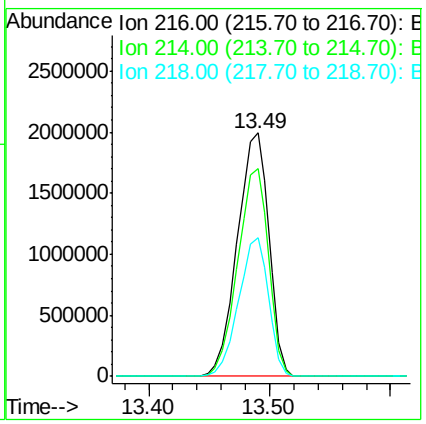


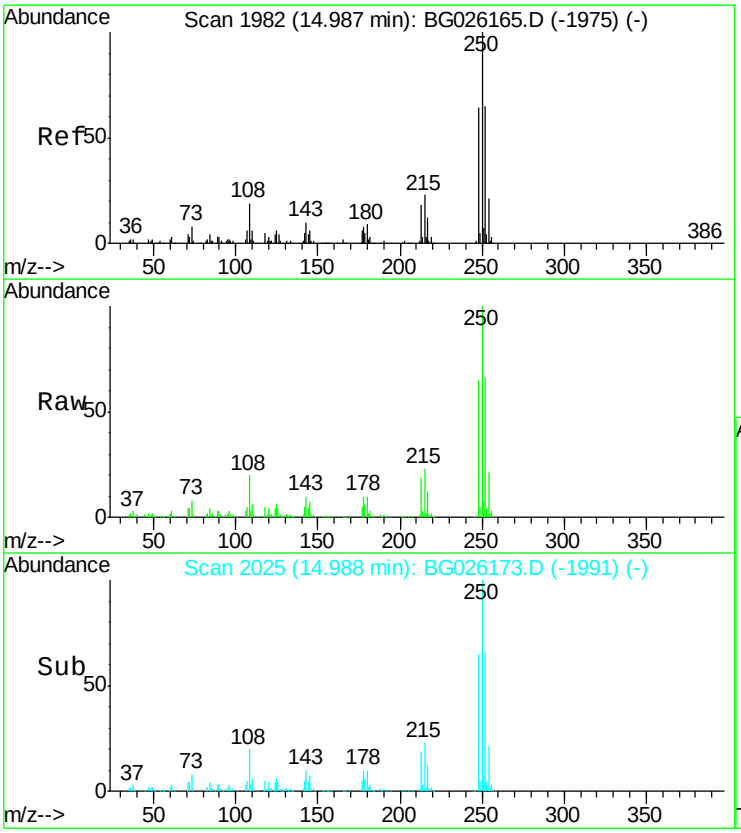
#72
1,2,3,4-Tetrachlorobenzene
Concen: 452.72 ng/uL
RT: 13.49 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BG026173.D
Acq: 10 Mar 2017 14:46

Instrument :
BNA_G
ClientSampleId :
C0BH0

Tgt Ion:216 Resp: 3629478

Ion	Ratio	Lower	Upper
216	100		
214	85.1	62.5	93.7
218	56.9	38.4	57.6





#73
Pentachlorobenzene
Concen: 37.00 ng/uL
RT: 14.99 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG026173.D
Acq: 10 Mar 2017 14:46

Tgt Ion:250 Resp: 304123

Ion	Ratio	Lower	Upper
250	100		
248	64.7	50.6	75.8
252	66.3	51.4	77.0